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PRODUCT GUIDE

ABOUT - ARDEX ENDURA INDIA PVT LIMITED

ARDEX - A GLOBAL KEY PLAYER IN HIGH-PERFORMANCE SPECIALTY BUILDING MATERIALS

The company's heritage dates back more than 70 years and, as a global manufacturer of high performance specialty building materials, ARDEX has remained at forefront of the world's leading suppliers for the building & construction industries. The ARDEX name has been synonymous with innovative, premium quality products and services globally for many decades. Strong internal growth and intelligent acquisitions have put the ARDEX Group on the world map with 53 Group Companies and in over 50 countries across five continents.

ARDEX ENDURA - INDIA

BAL ENDURA ADHESIVES (INDIA) PVT LTD was re-branded as ARDEX ENDURA (INDIA) PVT LTD after the joint venture between ARDEX Group, Germany and Prism Johnson Limited, India.

With the guidance and support from the ARDEX group, ARDEX ENDURA remains the quality leader in the industry, offering excellent building chemicals with supreme processing reliability. With strategically positioned branches & state-of-the-art manufacturing plants all over India, ARDEX ENDURA develops products you can trust and rely on. The comprehensive portfolio of products encompasses



Tiling & Stone Care products, Industrial & Commercial Flooring Solutions, Resilient Flooring Adhesives, Waterproofing Systems, Concrete Repair and Decorative finishes.

“Our vision is to be one of the world's leading solution providers of high performance specialty building materials”

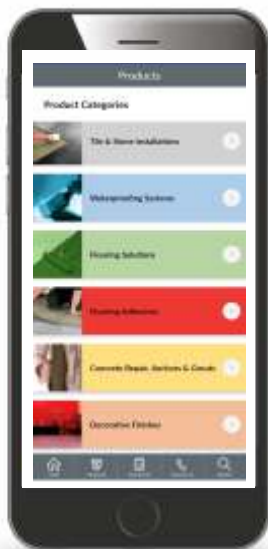




ARDEX ENDURA is committed to providing Continuing Professional Development (CPD) Seminars that allow our customers to improve and broaden their knowledge and skills base within construction industry.

The ARDEXENDURA academy has been created to ensure that the knowledge gained through the seminars and hands-on trainings will have a positive impact on an attendee's ability to implement best practice, leading to an increase in the quality of work carried out on-site.

SUPPORT SERVICES



The ARDEX ENDURA app is an optimised version of the website and hosts a variety of helpful features in the palm of your hand.

Just search for “ARDEX ENDURA” on google Play store. Alternatively, scan the QR code below to download.



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TILE & STONE
INSTALLATIONS



WATERPROOFING
SYSTEMS



FLOORING
SOLUTIONS



FLOORING
ADHESIVES



CONCRETE REPAIR,
ANCHORS & GROUTS



DECORATIVE
FINISHES

This catalogue is designed for quick reference.
Please refer to product datasheets for detailed instructions



Concrete Repair, Anchors & Grouts

Concrete Repair, Anchors & Grouts Products

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ACF 8

Ready to use crack filler paste for internal & external surface cracks in plaster

Description

ACF 8 is a single pack, composed of high quality acrylic emulsion polymer, graded fillers & additives. Ready to use paste for internal & external surface cracks in plaster. It provides excellent bonding

Uses

Internal and external plastered brick masonry wall cracks of up to 5mm width.

Benefits

- Paste form, easy to apply
- Flexible, therefore does not crack & accommodates minor movements in cracks
- Water based: hence eco-friendly
- Over coated after 24 hours
- Non-staining
- Excellent adhesion with cementitious surface
- UV resistance

Coverage Estimates

Pack size	Coverage
500 g	Approx. 25 - 30 RMT/kg
1 kg	(for a length of 1 meter and
5 kg	depth and width of 5 mm)



F 30

Cement based, non-shrink, high strength powder crack filler for surface cracks in plaster

Description

F 30 is a specially formulated cement based polymer modified powder for filling cracks in plastered surface. F 30 when mixed with water forms a creamy consistent paste which is easy to use for filling cracks in plastered surfaces.

Uses

Repairing of internal and external cracks in plastered surfaces up to 5mm X 5mm size.

Benefits

- Accommodates movements in the cracks
- Water based stainer can be mixed with crack filler
- Over coatable after curing.
- Replaces costly sealants and putties
- No shrinkage
- Excellent Adhesion
- High strength
- No sagging

Coverage Estimates

Pack size	Coverage
1 kg	Approx. 18 RMT/kg
	(for 5 mm X 5 mm crack)



FWO 5

Oil based mould release agent

Description

FWO 5 is an oil based mould release agent specially designed for the release of the moulds and shutters from concrete. It forms a thin water repellent layer on the surface of the formwork and prevents the concrete from adhering to moulds & shutters. The reactive components in FWO 5 protect the formwork and ensure stain free concrete.

Uses

Can be used on formwork and moulds made of plywood, timber, steel.

Benefits

- Mineral oil based
- Can be spray applied
- Reduces damage to concrete during de-shuttering
- Stain free concrete
- Provides clean release of shutters
- Suitable for all types of shutters and moulds

Pack size

20 litres

200 litres

Coverage

Steel surface: Approx. 20 to 30 m²/litre

Wood surface: Approx. 15 to 25 m²/litre



C 20

Concrete curing compound

Description

C 20 is a spray or brush applied concrete curing compound based on liquid emulsion. It is used on fresh poured concrete or immediately on removing of shutters of cast concrete. It forms a thin layer and seals the concrete surface preventing moisture evaporation and ensures full hydration.

Uses

C 20 is an economical alternative in situations where availability of potable water and/or accessibility for efficient water curing is difficult or unreliable. Suitable for use on all concrete surfaces, such as: flyovers & bridges, airports aprons, dams, chimneys etc. Ideally suitable for curing localized concrete repair areas.

Benefits

- Single component
- Largely reduces shrinkage cracks
- Improved Durability
- Toxic free and biodegradable
- Reflects UV rays
- Single application: reduced labour cost
- Complies as per BS 7542: 1992 standard.

Coverage Estimates

Pack size	Coverage
5 litres	Approx. 6m ² /litre
20 litres	
200 litres	



SU 10

Single component, polyurethane joint sealant

Description

SU 10 is a low modulus one-component, moisture curing Class A polyurethane sealant. It can accommodate cyclic joint movement of 50% (+/-25%) of the joint width.

SU 10 meets the performance requirements of TT-S-00230C and ASTM C-920

Uses

- Sealing of small joints and fillets, windows and door frames
- Flashing and common roofing detail applications
- Sealing joints of facade panels and curtain walls

Benefits

- No primer required
- Non staining & UV resistance
- Resistance to dilute acids and alkalis
- Excellent extrusion, tooling and storage stability over wide range of climatic condition
- Microorganism and fungus resistant
- Available in Black, Grey and White colours.

Coverage Estimates

Pack Size	Coverage
600 ml sausages (20 sausages per box)	$L = \frac{600}{(W \times D)}$

L = Length of joint (m)

W = Width of joint (mm)

D = Depth of joint (mm)



E 125

Acrylic copolymer based admixture, bonding agent and waterproof coating

Description

E 125 is a modified acrylic copolymer liquid designed for use as a multi-purpose additive with cement to improve the bond strength, flexibility, workability, water resistance etc. E 125 acts an excellent bonding agent for all cement renders and concrete repair.

Uses

- Waterproof coating for wet areas, kitchens, balconies, terraces
- Bonding agent prior to applying renders, screeds/concrete toppings
- As patching mortar for re-profiling of chipped edges
- As an admixture with cement paint for improved water resistance and covering capacity

Benefits

- Water resistant
- Improved flexibility and tensile strength.
- Excellent bond with cementitious substrates
- Reduced water demand for equivalent workability.
- Excellent impermeability to water soluble chemicals and salts
- Resistance to penetration of chloride ions and carbon dioxide
- UV stable: can be left exposed

Pack Size

1 litre, 5 litres & 20 litres



E 135

SBR based admixture and polymer bonding agent

Description

E 135 is a SBR (styrene-butadiene rubber) based liquid polymer additive which when used with sand/cement composites, greatly increases the resistance to water penetration, and improves the abrasion resistance and durability.

Uses

- Economical concrete repairs
- Floor patch repair
- Corrosion protection to steel reinforcement
- Admix to cement mortar for coving during waterproofing works

Benefits

- Multipurpose usage: admix for screeds, concrete repair and coving
- Improves water resistance when used with cement mortar for fixing clay tiles/mosaic on roofs.
- High performance polymer additive for cement and concrete mixes
- Water based: low odour & safe to use

Pack Size

1 litre, 5 litres and 20 litres



EP 300

Epoxy bonding agent

Description

EP 300 is a two component, polyamide epoxy based bonding agent. It is specifically designed for bonding new render or concrete to aged or old concrete substrates. It acts as a high strength bonding bridge between old and new concrete.

Uses

- Bonding old and new concrete
- Bonding agent for concrete repairs

Benefits

- Excellent bond strength
- Forms a structural bond between new and old concrete
- Can be applied to damp surfaces
- Excellent adhesion to most substrates
- Resistant to chemical attack
- Supplied in pre-weighed units

Coverage Estimates

Pack size	Coverage
1 kg & 5 kg	Approx. 2.0m ² /kg @ 250μ



EP 305

Epoxy resin based adhesive and repair compound

Description

EP 305 is a two-part, thixotropic, high performance epoxy adhesive and repair compound. It does not shrink on cure and ideal for fixing expansion joint tapes, gap filling and concrete repair applications.

Uses

- As an adhesive for fixing expansion joint tapes such as WPT 1000
- For filling of blow holes in concrete
- As a crack filling and sealing compound for non-moving joints
- Fixing of surface ports for crack injection
- Dowel bar anchoring

Benefits

- Solvent free adhesive with low VOC
- High strength adhesive/repair compound
- No primer needed
- Can be used in exterior or aggressive environments
- Non shrink
- High abrasion, impact and chemical resistance
- Thixotropic adhesive; suitable for horizontal and vertical applications

Coverage Estimates

Pack size	Coverage
3 kg	Approx. 0.810 m ² @ 2mm thickness



EP 410

Epoxy zinc rich primer

Description

EP 410 is a two component, epoxy zinc primer to provide active galvanic protection to steel. It is recommended to use where chloride induced attack on steel is expected and for concrete repair in corrosive environments.

Uses

Protective coating to reinforcement in concrete repair

Benefits

- Corrosion resistant
- Good adhesion to the steel reinforcement
- Suitable to be used as a touch-up primer for corroded reinforcement before concrete repair.
- Prevents further corrosion within the repair locations.
- Paint like consistency: easy to apply

Pack Size

500 ml & 1 litre

Coverage

Approx. 10 m²/litre @ 100 microns WFT

B 33

High build polymer modified cementitious renovation mortar

Description

B 33 is a light weight; polymer modified cementitious repair mortar used for repair of uneven surface profiles and filling blow holes. Due to its light weight properties, B 33 is an ideal choice for overhead repairs upto 25 mm and vertically upto 40 mm in a single layer.

Uses

- Overhead/vertical concrete repair
- Filling blow holes
- Re-profiling of uneven surfaces in form finish concrete such as in chimneys
- Small localized repair

Benefits

- Extremely low permeability: provides maximum protection against carbon dioxide and chlorides.
- Very good bonding to cementitious substrate
- Slump free: ideal for vertical and against gravity repairs at higher thickness
- Chloride free

Coverage Estimates

Pack size	Coverage
20.60 kg	Approx. 1.3 m ² @ 10mm thickness



B 35

Structural grade, polymer modified cementitious repair mortar

Description

B 35 is a two component mortar consisting of a blend of cement, graded fillers and chemical additives along with a liquid polymer to provide a mortar that ensures high strength and long-term durability. It is recommended for vertical and horizontal structural repairs.

Uses

- All types of structural repair that can be applied by trowel
- Repair of beams, columns, walls and slabs in high rise buildings
- Repair of Marine structures
- Industrial floors patch repair
- Repair of structural members subjected to loading

Benefits

- High strength: suitable for structural repair
- Good bond to cementitious substrate
- Slump free: ideal for vertical (upto 40mm) and horizontal (upto 100mm) repairs
- Shrink free: reduces the risk of cracks

Coverage Estimates

Pack size	Coverage
20.20 kg	Approx. 1 m ² @ 10 mm thickness



B 40

High strength, non shrink, free flowing cementitious micro concrete

Description

B 40 has a blend of portland cement, graded aggregates and additives to improve the flow and physical properties. B 40 is non shrink micro concrete that exhibits excellent flow, free from segregation and bleeding. It is recommended for large volume vertical or horizontal structural repairs wherever the use of formwork is preferable to hand applied repair systems.

Uses

- Large volume concrete repairs
- Repair of corrosion damaged concrete
- Jacketing of beams, columns and other structural elements for strengthening
- For pile head re-profiling

Benefits

- No primer required
- Very high and ultimate compressive strength
- Low permeability: provides very good protection against Carbon dioxide and chlorides
- Self compacting: ensures complete void filling of the repair area
- Versatile: suitable for application thickness of 20mm - 200mm

Coverage Estimates

Pack size	Yield
25 kg	Approx. 12.30 litres for 25 kg bag + 3.90 litres water



AC 20

Anti-carbonation facade protective coating

Description

AC 20 is an extremely weather resistant water based acrylic anti carbonation protective coating. The high build breathable coating exhibits excellent resistance to attack by carbon oxide, air borne chlorides and acid rain.

Uses

Protection of concrete and masonry of

- Buildings and structures in coastal areas
- Marine or offshore structures such as jetties and berths
- External facade in chemical manufacturing plants, fertilizer manufacturing plants, power plants
- Bridges, flyovers, aquaducts, viaducts
- Chimneys, cooling towers and silos
- Walls, ceilings and columns in multi storey car parks
- AC 20 is not recommended for areas likely to be subjected to traffic.

Benefits

- High resistance to Carbon dioxide (CO₂)
- Resistance to fungi & algae growth
- Excellent UV resistance
- Excellent flexibility & crack bridging properties
- Economic and versatile product

Coverage Estimates

Pack size	Coverage
20 litres	Approx. 3.50 m ² /ltr @ 200 microns in 2 coats (without dilution)



R 816 CE

Epoxy coal tar coating

Description

R 816 CE is a two component coating based on unmodified epoxy resin cured with a polyamine curing agent. It has excellent water & alkali resistance where it combines the chemical resistant properties of an epoxy resin with excellent water resistant properties of a coal tar.

Uses

To provide a heavy duty protective, waterproof, and flexible coating in:

- Sewerage & waste water industry
- Aggressive immersion conditions on cementitious & metal substrates.
- Lining of tanks, pipes and ducting, steel pipes
- Jetties, Offshore platforms or marine environments like sluice and barrage gates.
- Underground steel or concrete structures

Benefits

- Excellent resistance against acids and alkalis and varied chemicals
- Excellent abrasion resistance
- Good flexibility
- High build coating
- Easy application: brush, roller, spray
- Seamless finish

Coverage Estimates

Pack Size	Coverage
60 Litres	5 m ² /litre/coat @ 150μ



A 803

White cement-based wall putty

Description

A 803 is a white cement based, water resistant wall putty with a blend of polymers and mineral fillers. It can be used in internal and external situations on concrete/cement plastered walls and ceilings to fill the fine pores of the substrate and providing a white, smooth surface required for coating/painting etc.

Substrates

- Concrete
- Plastered walls & ceilings
- Pre-cast walls
- AAC Blocks

Features

- Smooth finish
- Good bond strength
- Better adhesion and durability
- Can be applied on moist surface
- No curing required
- Ideal base for paints, distempers and coatings
- For interior and exterior surfaces

Coverage Estimates

Pack size	Coverage
2 kg,	Approx. 1.5 - 2.0 m ² /kg
20kg & 40kg	



E 10

Expanding and plasticising powder grouting admixture

Description

E 10 is a specially formulated powder for use as an admixture to prepare cementitious grout and slurry. It plasticises the mix at reduced water cement ratio, making placement or injection of the grout convenient on site. It produces controlled expansion to compensate to the plastic shrinkage and settlement.

Uses

- Repairing honeycombs by pressure grouting
- Duct grouting & bed grouting
- Filling gaps between precast elements
- Non-shrink cavity filling
- Filling up the plumbing & electric chases

Benefits

- Reduced water cement ratio: ensures low permeability and improved strength of the grout
- Provides high fluidity: ease of work at site
- Expansive additive: compensate to the plastic shrinkage
- Chloride free: non corrosive

Pack Size

250 g



EP 310

Polyester resin anchoring grout

Description

EP 310 is a specialist anchoring grout which combines, outstanding durability and anchoring properties. This anchoring grout is stronger than the concrete. It is used for anchoring reinforcing bars, dowels & holding down bolts. It can be used in a gap range of 5 - 25mm, for a depth up to 750mm and also used to repair larger voids-where early strength gain is important.

Uses

- Foundation Bolts
- Reinforcement startup bars
- Balustrades
- Dowel Bars

Benefits

- High strength
- Tough, shrink-free & strong anchoring system
- Vibration resistant
- Resistance to heavy loads
- Corrosion resistant
- Can be placed wet and damp condition

Pack Size

1 kg & 4 kg

Yield

Approx. 2.1 litres per 4 kg pack



EP 310 F

Fast setting, polyester resin anchoring grout

Description

EP 310 F is a specialist fast setting anchoring grout which combines, outstanding durability and anchoring properties. This anchoring grout is stronger than the concrete. It is used for anchoring reinforcing bars, dowels & holding down bolts. It can be used in a gap range of 5 - 25mm, for a depth up to 750mm and also used to repair larger voids-where early strength gain is important.

Uses

- Foundation Bolts
- Reinforcement startup bars
- Balustrades
- Dowel Bars

Benefits

- High strength
- Tough, shrink-free & strong anchoring system
- Vibration resistant
- Resistance to heavy loads
- Corrosion resistant
- Can be placed wet and damp condition

Pack Size

1 kg

Yield

Approx. 0.5 litre/pack



EP 320

Solvent-free, low viscosity epoxy resin

Description

EP 320 is a two-component, low viscosity epoxy resin designed for sealing cracks in concrete. It is highly penetrative and cures to form a permanent seal and is capable of restoring structural integrity to the concrete element.

Uses

Repair and sealing of static and limited movement cracks in concrete. Typical examples such as:

- Columns
- Beams, Chimneys, Retaining walls, bridge decks and industrial floors

Benefits

- Low viscosity: penetrate deeply into crack widths of 0.10 - 10 mm
- Good bond to cementitious substrates
- Chemical resistant
- Solvent free
- Supplied in pre-weighed quantities for convenient site mixing

Coverage Estimates

Pack size	Coverage
1 kg & 4 kg	Depends on the width of the crack/porosity of the substrate



B 30

High strength, cementitious, non-shrink precision grout

Description

B 30 is an advanced, cementitious, structural grout. It has a blend of portland cement, graded aggregates and additives. B 30 is versatile and can be prepared to be of flowable or pumpable consistency by adding the required amount of clean water. This free flowable grout can be used in gap width of minimum 10mm.

Uses

B 30 is used in precision grouting of heavy machinery base plates, compressors, generators, and other equipment demanding high strength properties. It is used for grouting of anchor bolts and prefabricated concrete panels. B 30 is also suitable for general bore packing and void filling requirements.

Benefits

- Controlled expansion ensures rigid bond between base plate & concrete foundation.
- Versatile: can be prepared to be of flowable or pumpable consistency.
- Chloride free and non-corrosive
- High compressive strength
- Suitable for grouting operations of gap width of 10mm - 100mm.

Pack Size

25 kg

Yield

Approx. 13 ltrs for 25kg bag



B 31

High early & ultimate strength, cementitious, structural precision grout

Description

B 31 is an advanced, cementitious, structural grout with high early & ultimate strength properties. It has a blend of Portland cement, graded aggregates and additives. B 31 is versatile and can be prepared to be of flowable or pumpable consistency by adding the required amount of clean water.

Uses

B 31 is used in grouting of heavy machinery base plates, compressors, turbines, generators, bridge bearings and other equipment demanding high flow and high early strength properties.

Benefits

- High early strength: ideal for quick turn-around of subsequent works
- Controlled expansion ensures rigid bond between base plate & concrete foundation.
- Versatile: can be prepared to be of flowable or pumpable consistency.
- Chloride free & non-corrosive
- Very high ultimate compressive strength
- Grouting up to 120mm thickness

Pack Size

25 kg

Yield

Approx. 12 ltrs for 25kg bag+3.25 ltrs water



B 50

Industrial, high strength, free flowing epoxy grout

Description

B 50 is a 3 component, high strength epoxy grout specially designed to withstand static and dynamic loads. B 50 is a blend of epoxy resin, curing agent and inert aggregates.

Uses

- Machine base plate grouting
- Industrial equipment subjected static and dynamic loads
- Grouting of equipment chemical spillage occurs and cementitious grouts are not suitable
- High speed turbines
- Grouting of machinery that require minimum downtime.

Benefits

- High tensile, flexural and compressive strengths
- Rapid strength gain
- Suitable for grouting operations of gap width of 10mm - 80mm
- Resistance to dynamic load
- Excellent adhesion steel and concrete
- Withstands to a wide range of chemicals

Pack size

26.50 kg

Yield

Approx. 13.60 ltrs for 26.50 kg pack

B 51

Industrial, high early strength, free flowing, epoxy grout

Description

B 51 is a 3 component, high precision, high early strength industrial epoxy grout to withstand static and dynamic loads. B 51 is specifically designed for quick commissioning of machines or maintenance shut down works. It has flowable consistency and can be used in gap widths of 10 - 80mm.

Uses

- Machine base plate grouting
- Industrial equipment subjected static and dynamic loads
- Grouting of equipment chemical spillage occurs and cementitious grouts are not suitable
- High speed turbines
- Grouting of machinery that require minimum downtime.

Benefits

- High early strength gain
- High tensile, flexural and compressive strengths
- Resistance to dynamic load
- High vibration resistance

Pack size

28 kg

Yield

Approx. 14 ltrs for 28 kg pack

ESTIMATION

- To estimate the quantity of grout required for a job, calculate the volume of the cavity to be filled in cubic feet. Divide the calculated volume by the yield in cubic feet of one unit of grout to calculate how many units will be needed. Add 5% to 10% for waste and spillage, more for smaller jobs, and less for larger ones.
 - The most common shapes of cavities encountered in grouting operations are rectangular solids (for example, the space under a rectangular base plate), solid cylinders (such as the space under a round, flat-bottomed tank), and hollow cylinders (like the space between an anchor bolt and its hole).
 - Many other cavity shapes can be divided into some combination of the common shapes for estimating purposes.
1. Volume (in m^3) of a rectangular solid = $V = LWT$
 2. Volume (in m^3) of a solid cylinder = $V = 0.785 D^2 H$
 3. Volume (in m^3) of a hollow cylinder = $V = 0.785 (D^2 - d^2)H$

Where,

W = width of the rectangular solid (m)

T = thickness of the rectangular solid (m)

L = length of the rectangular solid (m)

D = outside/ bigger diameter of the cylinder (m)

d = inside diameter of the cylinder (m)

H = height of the cylinder (m)

DO'S AND DONT'S OF GROUTING

For Cementitious Grouts

- Don't exceed recommended water levels in an attempt to achieve greater flowability. Using more water than specified by the manufacturer may result in segregation of the material or may interfere with the non-shrink mechanism.
- Don't overmix or undermix. Refer to the grout manufacturer's minimum and maximum mixing time recommendation. Overmixing may cause segregation in metallic-type materials and unnecessary air entrainment in other materials. Undermixing may not accomplish adequate blending of dry ingredients and may prevent proper wetting of materials which could result in the grout's "false setting" and other problems.
- Don't use curing compounds or bonding agents unless specifically approved by the grout manufacturer.
- Do wet the foundation thoroughly. Otherwise, water will be drawn from the newly placed grout too quickly, interfering with proper curing.
- Do use clean mixing water. Chemical contaminants may interfere with the proper expansion of the material.
- Do read the individual manufacturer's instructions, especially when placing grout at temperatures below 7°C and above 32°C as the requirement for special measures varies considerably.

For Epoxy Grouts

- Don't place epoxy grouts when water is present (once cured, water is no problem).
- Do be sure the foundation is clean and free from oil or grease.
- Do design for thin sections, avoiding large pours.
- Do familiarize jobsite personnel with the manufacturer's recommended handling and safety precautions.



Waterproofing Systems

Waterproofing Systems

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WPM 004

Acrylic modified flexible cementitious waterproof coating

Description

WPM 004 is a two component, acrylic modified cementitious waterproofing compound. It has been uniquely formulated with special polymer to increase its flexibility and water resistance. WPM 004 is based on the most advanced acrylic polymer technology and is totally resistant to re-emulsification.

Uses

- Wet areas, kitchens & balconies
- Water tanks & retaining walls
- As exposed waterproofing for non accessible roofs

Benefits

- Flexible: accommodates minor cracks
- Protect the concrete from long term weathering.
- UV stable: can be left exposed
- Water based: safe to use, low odour & easy cleaning
- Excellent bond with cementitious substrates
- Self primed
- Non toxic: can be safely used as internal waterproofing of potable water tanks

Coverage Estimates

Pack size	Coverage
20 kg	Approx. 14 m ² / kit @ 0.8 mm - 1.0 mm thickness for two coats

*also available in 4 kg pack

WPM 004 Flex

High Performance Acrylic Reinforced Waterproof Coating

Description

WPM 004 Flex is a two component, cementitious waterproofing compound designed for use in areas where substrates are subjected to movement and crack bridging properties are desired. It has been formulated with advanced acrylic polymer technology to increase its flexibility and water resistance.

Uses

- Fibre Cement Board, Plasterboard, Plywood, Particle Board (marine grade)
- Swimming Pools (Suspended and Below Ground)
- Wet areas & commercial kitchens
- Terraces and Balconies
- Water tanks & Retaining walls

Benefits

- Flexible: accommodates normal building movements and hairline cracks.
- Resists both positive and negative pressure
- Protects concrete surfaces from carbonation and chloride attack.
- UV stable: can be left exposed.
- Water based: non-toxic and safe to use.
- Self-primed: no additional primer required.

Coverage Estimates

Pack size	Coverage
42 kg Powder 23 kg Liquid 19 kg	Approx. 24m ² / pack in two coats



WPM 002

Two component undertile waterproofing membrane

Description

WPM 002 is a tough, fast drying two component waterproofing membrane specifically designed for use under tiles. The product has been uniquely formulated with synthetic microfibers to increase its strength and eliminate the need for a separate reinforcement mat.

Uses

- Swimming Pools
- Drywalls, Fibre cement, Plasterboard, Plywood, Particle Board (marine grade)
- Podiums, Terraces and Balconies
- Internal Wet Areas

Benefits

- Fast drying: can be tiled over in 16 - 24 hours
- Flexible: accommodates normal building movement
- Advanced acrylic: will not re-emulsify
- Fully compatible with polymer modified tile adhesives.
- Meets class III category for AS4858 Wet Area Membranes

Coverage Estimates

Pack size	Coverage
40 kg	Approx. 16 - 24m ² /pack
Powder 20 litres	@ 0.8 mm - 1.2 mm
Liquid 20 kg	thickness for two coats



WPM 125

Single component, synthetic resin based waterproofing membrane

Description

WPM 125 is a single component, ready to use, liquid applied elastomeric waterproof membrane. WPM 125 comprises of special blend of copolymers and additives to provide an excellent, seamless, flexible and quick - drying waterproofing membrane.

WPM 125 is an ideal waterproof and protection coating for absorbent substrates like gypsum fibre boards, plaster boards, cement boards, screeds, cementitious levelling compounds, concrete etc.

Uses

WPM 125 is suitable for waterproofing (concealed) application for Wet areas, Kitchens, Balconies, Dry walls, Underlayment to Walkways, terraces, planter boxes

Benefits

- Single component: ready to use
- Fast drying & Flexible
- Water based
- Excellent bond with cementitious substrates

Coverage Estimates

Pack size	Coverage
20 kg	Approx. 18m ² in 2 coats @ 0.35 mm WFT per coat
	The DFT in 2 coats is approximately 0.5 mm



WPM 158

High build, single component, elastomeric polyurethane based waterproofing membrane

Description

WPM 158 is single component, high build, aliphatic polyurethane based elastomeric liquid applied waterproofing membrane which finds various usages in the construction industry.

Uses

- Suitable for external areas of waterproofing, on walls and roof subjected to ultra-violet radiation.
- Does not require protective screed.
- Can be applied on damp visibly dry surfaces without the fear of blistering.
- Environmentally friendly product, does not give off fumes or gases which will affect health.
- Suitable for use in confined areas because of its non-odour formulation
- Suitable for application on metal surfaces.

Benefits

- Excellent compatibility with almost every construction material.
- Good resistance to wide range of chemicals & oils.
- Resistant to abrasion and blushing
- Elastomeric
- Weather and UV resistant.
- Excellent flexibility

Coverage estimates

Pack Size	Coverage
25 kg	Approx. 1.5 to 1.8 kg/m ² in 2 coats for 1 mm thickness

WPM 200

Water based epoxy sealer

Description

WPM 200 is a two component water based epoxy polyamide unpigmented sealer, binder used for sealing surfaces and providing a strong bond to difficult surfaces.

Uses

- Penetrating sealer
- As a consolidation sealer for weak aged concrete
- As a bonding coating
- As a waterproofing sealer

Benefits

- Can be applied to wet or damp surfaces
- Can be applied to fresh green concrete.
- Consolidates weak or rain affected concrete surfaces to form a firm substrate for subsequent treatments.
- Has good penetration,
- Tolerant to improperly prepared surfaces.
- Has excellent adhesion to most substrates
- Non-flammable & negligible odour.
- Safe to use in sensitive locations (e.g. around food or habitable areas).

Coverage Estimates

Pack Size	Coverage
20 litres	Approx. 8 -14 m ² /coat/ltr



WPM 209

Water based emulsion primer

Description

WPM 209 is used as primer coat for WPM 309, AC 20 or for any elastomeric acrylic coating.

Uses

Priming areas such as

- Exterior RCC surface
- Plastered walls
- Masonry walls or facades
- Stone walls
- Asbestos
- China mosaic tiles
- Sloping roofs

Benefits

- Seals the substrates porosity
- Fills the surface hairline cracks
- Easily applicable by brush or roller
- Unaffected by UV rays
- Enhances bonding with substrate and the topcoat
- Provides deep penetration thus imparts excellent substrate adhesion

Coverage Estimates

Pack Size	Coverage
20 litres	Approx. 8-10m ² /coat/ltr

WPM 265

Water based primer

Description

WPM 265 is acrylic primer system which creates a positive bond between the substrate and most water based coatings. Designed principally for internal use, WPM 265 can also be used for external applications.

Uses

- Internal Wet Areas
- Balconies and Decks
- Swimming Pools
- Drywalls
- Other waterproofing areas that will be tiled or otherwise protected from regular foot traffic

Benefits

- Creates a positive bond between the substrate and most water based coatings
- Can be used on various substrates
- Can be used for interior and external situations.

Suitable substrates

- New and old concrete.
- Timber.
- Compressed fibreboards.

Coverage Estimate

Pack size	Coverage
5 litres	Approx. 6 m ² /ltr



WPM 300

Water based epoxy membrane

Description

WPM 300 is a two component, high build, water based epoxy polyamide membrane/barrier coating with excellent resistant to hydrostatic pressure and good bond to damp surfaces.

Benefits

- Excellent adhesion to damp surfaces and freshly laid green concrete.
- Water resistant: prevents rising damp and efflorescence.
- The cured membrane will withstand hydrostatic pressure of 25m head of water (when applied directly to the substrate) and 40m head of water (when used wet on wet over WPM 200).
- Can be over coated using almost any decorative or industrial finishing paint.
- Conforms to requirements of CFTRI and international standards (AS/NZS 4020:1999 and BS 6920:2000) for use in contact with potable water.

Coverage Estimates

Pack Size	Coverage
20 litres & 1 litres	Approx. 1.5 m ² /ltr in 2 coats @ 600μ WFT

WPM 309

Elastomeric, external facade & roof coating

Description

WPM 309 is a single component; tough, UV resistant; acrylic based highly elastomeric waterproof coating for exterior walls and roofs. The cured membrane has good crack-bridging properties.

Uses

Waterproofing & Protection of

- Exterior RCC surface
- Masonry walls
- Asbestos roofs
- China mosaic tiles
- Sloping roofs

Benefits

- Highly flexible: can bridge existing cracks (up to 0.5 mm).
- Good elasticity and resilience for substrate's thermal expansion and contraction
- Provides good UV resistance
- Microbial resistance: provides long term protection from fungi / algae growth
- Microporous: breathability for preventing moisture
- Can be applied on damp surfaces
- Excellent resistance to alkali
- Resistance to chalking and flaking.

Coverage Estimates

Pack Size	Coverage
20 litres	Approx. 4.0 m ² /ltr @ 110 microns DFT in 2 coats



WPM 310

Elastomeric, UV stable, flexible external facade coating

Description

WPM 310 is a tough, UV stable, flexible liquid applied waterproof facade coating with high solar reflectance providing excellent heat insulation and energy efficiency. It can be applied at a DFT of 0.3 mm as an aesthetically attractive textured or semi-smooth finish and is available in a range of standard colours.

Features

- Flexible :accommodates normal building movement.
- Reflects the intense solar heat with an Solar Reflectance Index (SRI) of 103
- Provides excellent UV resistance and long term protection from elements of nature.
- Water based : safe to use and low odour
- Breathable
- Cost effective, with long-term savings and short payback period
- Naturally Fungi retardant
- Decorative: can be applied in different textures

Coverage Estimates

Pack Size	Coverage
15 litres	Approx. 24 m ² /pack in 2 coats @ DFT of 0.3mm



WPM 415 C

Crystalline waterproofing

Description

WPM 415 C is a specially developed chemical consisting of Portland cement, very fine treated silica sand and various active, proprietary chemicals.

Uses

Basements, Retaining walls, Wet areas, Balcony, Roof terrace areas, sewage treatment and water treatment plants, water tanks & concrete pipes and manholes etc.

Benefits

- Deeply penetrates and seals the substrate
- Seals hairline cracks upto 0.5mm
- Becomes an integral and homogenous part of the structure
- Reactivates in the presence of moisture
- Suitable for sewage treatment and water treatment plant, water tanks, concrete pipes and manholes
- Toxic free
- Suitable for external and internal application for positive and negative side waterproofing

Pack Size

20 kg

Consumption

As a slurry - Approx. 13-16.50 m² in 2 coats
As a dry shake - Approx. 1.8 kg/m²
As a concrete admix - Approx. 0.8% - 1.5% by weight of cement



WPM 810

Elastomeric, single component, polyurethane based cold liquid applied waterproofing

Description

WPM 810 is a single component; high performance polyurethane based cold applied elastomeric waterproofing membrane. WPM 810 exhibits high elasticity, excellent bond and low water permeability and makes it ideal for a wide range of waterproofing applications.

Uses

- Waterproofing of podiums, suspended floors, planter boxes, terraces
- Waterproofing of underground structures
- Waterproofing of car decks, bridges and inverted roofs.

Benefits

- Non Toxic: eco friendly coating
- Seamless cold-applied membrane: eliminates lapping, seaming, and pre-cutting
- Highly flexible
- Root Resistant
- Protection against corrosive soil conditions
- Thermally stable
- Excellent adhesion to concrete substrates
- Excellent resistance to oxidation
- Good chemical resistance

Coverage Estimates

Pack Size	Coverage
20 kg	Approx. 18m ² @ 1mm



WPM 1000

Weldable waterproofing membrane

Description

ARDEX WPM 1000 Weldable Waterproofing Membrane is a versatile rubber membrane that can be heat welded. It is suitable for waterproofing underground tanking, rooftops, decks, undertile, canal and pond linings.

ARDEX WPM 1000 is made up of synthetic rubber with properties which resist ageing from heat, sunlight and ozone and is heat weldable. Polypropylene filaments are welded onto both sides of the membrane for better wetting by water based adhesives. It has excellent gas impermeability and toughness and remains flexible at low temperatures. Polypropylene filaments are welded onto both sides of the membrane for better wetting by water based adhesives. It has excellent gas impermeability and toughness and remains flexible at low temperatures.

Benefits

- Versatile rubber waterproofing membrane
- Heat weld laps and seams
- Easy installation
- Suitable for underground tanking, roofs, decks, under-tiles, canal and pond linings

Gauges

1.0mm

Packaging

In rolls of nominal 1.4 m width and 20 m long. Each roll is packed in polythene wrapper trademarked ARDEX WPM 1000.



WPM 1000 X

Waterproofing and decoupling membrane

Description

Polyethylene based 3-ply membrane sandwiched with two outer layers of non-woven polypropylene, suitable for protecting floors and walls under thin-set tile installations from substrate cracks and moisture migration.

Uses

Internal walls and floors of

- Toilets
- Balconies
- Utility areas
- Swimming pools

Benefits

- Waterproof
- Crack bridging
- Constant thickness
- Ease and speed of installation
- Fast track continuation of subsequent work / waterproofing in just 2 days
- Quick and hassle free installation

Pack Size

Length per roll 30 metres



WPM 3000 X

High performance, self-adhesive waterproofing membrane

Description

WPM 3000 X is a cold applied self-adhesive, flexible, waterproofing and sealing membrane made from rubber modified bitumen compound with tear resistant cross laminated polythene film on its upper side and removable silicone film on the underside.

Uses

- Waterproofing in areas where the use of fire/flammable is not possible
- Waterproofing structural concrete and masonry walls
- Waterproofing and protection of underground structures
- Waterproofing membrane for inverted roofing systems
- Waterproofing of balconies, bathrooms, swimming pools, tunnels, etc.,

Benefits

- Cold applied, does not require any heating
- Easy, quick and clean to install
- Permanent flexibility and protection against water
- Effective water and vapour barrier
- Absorbs substrate movement
- Root resistant & Tear resistant
- Does not contaminate ground water

Pack Size

Nominal roll length: 20 m

Nominal roll width: 1 m

Nominal thickness: 1.5 mm.

WPM 3000 BG

Composite, blindside HDPE membrane

Description

WPM 3000 BG is a unique composite sheet, comprising of a HDPE backing layer, a pressure sensitive adhesive membrane and trafficable weather resistant protective granular layer. The membrane firmly bonds to the poured concrete preventing ingress or migration of water around the structure.

Benefits

- Can be applied to a variety of substrates including compacted earth, concrete and formwork.
- Resistance to water migration
- Superior barrier: acts as a barrier against aggressive ground salts, toxic contaminants and chemicals which may attempt to enter the structure through cracks in the concrete
- Fully-adhering, watertight laps
- Good crack protection
- Weather resistant
- Flexible material that adapts to jobsite irregularities for ease of installation

Pack Size

Length : 20 m

Width : 1.0 m & 2.0 m

Thickness : 1.2 mm & 1.5 mm

Accessories

WPM 3000 DSA - Double Sided Adhesive Tape

WPM 3000 BT - HDPE based Butt Joint Tape

WPM 3000 ST - HDPE Sanded Tape



BUTYNOL®

Roofing membrane

Description

A synthetic rubber with properties which resist ageing from heat, sunlight and ozone. It has excellent gas impermeability and toughness and remains flexible at low temperatures.

Butynol® is manufactured by combining the petroleum gases isobutylene and isoprene at the extremely low temperature of - 100°C. (Rubber Technology - Morton) Butynol® is marketed by ARDEX ENDURA as warranted roofing and tanking product and fixed by their trained and experienced approved applicators.

BUTYNOL gauges & uses

Standard 1.0mm - For roofs and gutters.

1.2mm - For roofs.

1.5mm - For roofs and walk out decks.

2.25mm - Heavy Duty

Factory welded panels in all gauges can be custom made.

Pack Size

Rolls size: 1.4 m width and 17.86 m long.

Gauges available Weight Coverage

1.0mm black	nominal 30kg	25 m ²
1.5mm black	nominal 45kg	25 m ²
2.25mm black	nominal 32kg	12 m ²
1.2mm dove grey	nominal 30kg	25 m ²
1.5mm all colours	nominal 47kg	25 m ²

BUTYNOL® 600

Roof membrane with weld-tech technology

Description

Butynol® 600 is a flexible composite roofing membrane made with synthetic rubber having polypropylene mesh welded on to both sides. It incorporates "weld-tech technology" making it heat weldable using a hot air gun.

It has excellent gas/moisture impermeability and toughness and remains flexible at low temperatures. It is designed to resist ageing from heat, sunlight and ozone.

Benefits

- Excellent durability
- High chemical, UV and weathering resistance
- No plasticizers or chlorinated ingredients
- Avoid contact with oil and petroleum based products, grease and hot bitumen

Packaging

Thickness 0.8 mm

Width 1.40 m

Length 20 m



BUTYNOL® 750

Rubber membrane waterproofing system

Description

Undertile Butynol® 750 is made up of synthetic rubber with properties which resist ageing from heat, sunlight and ozone and is heat weldable. Polypropylene filaments are welded onto both sides of the membrane for better wetting by water based adhesives. It has excellent gas impermeability and toughness and remains flexible at low temperatures.

Laps and corners are to be heat formed and/or welded. Tiling can be done directly on the membrane after 60 minutes with common ARDEX ENDURA tiling adhesives.

Undertile Butynol® 750 is marketed by ARDEX ENDURA as a warranted undertile waterproofing product using solvent free adhesives and fixed by their trained and experienced approved applicators

Pack Size

Rolls size: 1.4 m width and 20 m long.

Gauge

Standard 0.5mm for undertile waterproofing



WPT 1000

High performance waterproofing tape

Description

WPT 1000 is a waterproofing tape based on FPO (Flexible Polyolefin) to provide a highly elastic and chemically resistant sealing of expansion joints, cracks, irregular and unconventional joints. WPT 1000 is for installation with EP 305 epoxy adhesive on various building substrates in critical areas with high and/or frequent movements.

Uses

Ideal for very large expansion joints and joints with extreme movements for areas such as

- Basements
- Podiums
- Tunnels and Culverts
- Reservoirs & Ponds
- Roofs & Facades

Benefits

- Highly flexible
- Good chemical resistance
- Long lasting elasticity, even at high temperatures
- Good resistance to hydrostatic pressure
- Available in various widths between 100mm to 1000mm

Roll Size

20m x 100mm x 1mm

20m x 200mm x 1mm

20m x 300mm x 1mm

Note: Other widths between 300 mm - 1000 mm are available upon request



E 160

Integral waterproofing liquid for concrete and mortar

Description

E 160 is a specially formulated integral cement waterproofing compound in liquid form which contains selected plasticizers, surface active agents and additives. It acts as a water reducing admixture for cement concrete and mortar.

Uses

Waterproofing admixture with concrete for:

- Sunken slab, podium slab.
- Water retaining structures.
- Swimming pools.
- Roof slabs and cement screeds / mortar
- Basements
- External plastering

Benefits

- Complies as per IS 2645-2003 Standards
- Improved workability
- Improved cohesiveness
- Good water reduction: improves durability
- Reduced segregation and helps to protect steel corrosion
- Minimizes shrinkage cracks
- Minimizes the permeability and increases the waterproofing properties

Dosage

200 ml per 50 kgs of cement.

Pack Size

200 ml, 1 litre, 5 litres & 20 litres

WATERPROOFING ACCESSORIES

WA 98

Butynol adhesive

Description

WA 98 is a high performance roofing contact adhesive. It has been specially developed for bonding butyl rubber sheeting to roofing substrates. It's convenient and economical spraying, combined with its long tack life; make it ideal for bonding large areas.

Benefits

- Spray grade - Formulated for optimum performance for spraying.
- Multi-purpose uses - Flooring, roofing, etc.
- Fine glue line - Enhanced finished product appearance

Coverage Estimates

Pack Size	Coverage
25 litres	Approx. 2m ² per litre

Geo Textile Membrane

235 gsm

Description

Spunbond polyester nonwoven, needled one side and thermofixed.

Benefits

- Rot-proof
- Resistant to mould, mildew, bacteria and rodents
- Easy to lay
- Extremely versatile
- Resistant to UV rays

WPM 401 C

Rapid Setting Cement Based Water Stopping Mortar

Description

WPM 401 C is a specially blended, extremely fast setting, hydraulic cement product designed to instantly stop leaking water or fluid seepage in concrete or masonry structures.

Benefits

- Good bonding to cementitious substrate
- Ideal for horizontal, vertical surfaces and against gravity
- No curing required
- Can be applied at thickness of 3 - 40mm

Coverage Estimates

Pack Size	Yield
10 kg	Approx. 6 litres

Deckweb

Reinforcement for Liquid Waterproofing

Description

Deckweb is a polyester non-woven felt reinforcement with glass filament for greater durability. It is designed to be used as an embedding in liquid waterproof coatings for crack bridging and also in situations where cracks in the substrate can be formed on a later stage. It ensures maintenance of even thickness of coating at critical areas

Benefits

- High resistant to tear
- High durability & flexibility
- Resistant to salts & chlorinates
- Available in white and green colours
- Available in varied gauges of 40 gsm, 50 gsm, 60 gsm and 70 gsm

WATERPROOFING ACCESSORIES

WPT 312

Waterproofing tape / flashing for construction joints

Description

Polyester non-woven, permanent anti-wicking finishing, thermoplastic elastomer, resistant to ageing, modified for better bonding

Uses

In conjunction with waterproofing coatings of corners and joint treatment of masonry, concrete & drywall construction

Technical Data

Total width/ 120mm / 70mm
Coating width

Total thickness 0.60 mm

Length per roll 50 metres

WPT 324

Waterproofing tape / flashing for construction joints

Description

Modified polyester non-woven, thermoplastic elastomer, resistant to ageing

Uses

In conjunction with waterproofing coatings of corners and joint treatment in covered outdoor areas & submerged conditions. To be protected by tiling or plaster

Technical Data

Total width / 240mm / 190mm
Coating width

Total thickness 1.20 mm

Length per roll 15 metres

WPM SW series

Swellable waterbar

Description

WPM SW is a swellable waterbar based on polymer technology and designed for use in construction joints. WPM SW slowly swells in volume when in contact with water and efficiently waterproofs the construction joint.

Uses

- Construction joints in basements, swimming pools, water reservoirs, effluent treatment plants etc.
- Pipe penetrations & cut-outs

Type & Packing

WPM SW 110 - 10mm x 10mm x 100 RMT
WPM SW 206 - 20mm x 6mm x 100 RMT
WPM SW 210 - 20mm x 10mm x 100 RMT



Flooring Solutions

Flooring Solutions

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P 51

Concentrated water-based primer and bonding agent

Description

P 51 is a concentrated, synthetic, water-based, solvent-free multi-purpose primer with a wide range of applications which, after drying, helps to inhibit the penetration of water from subsequently applied materials.

Benefits

- Multipurpose: suitable for a wide range of applications
- Seals the substrate porosity
- Good adhesion to the porous surface
- Low viscosity: penetrates into the concrete substrate for a better bond
- Low odour and solvent free

Pack Size

5 kg

Coverage

Mixing Ratio	Approx. coverage per
P 51: water	5kg unit of P 51
1:1	33 m ²
1:2	60 m ²
1:3	100 m ²

R 2 CE

Solvent free epoxy primer

Description

R 2 CE is a solvent free, low viscosity, two component epoxy primer. It is designed to seal the porosity of the substrate before installing resin based coating, self level topping and screed.

Benefits

- As a primer for use with epoxy based flooring systems.
- Seals the substrate porosity
- Allows for the subsequent coating to achieve a correct dry film thickness
- Low viscosity: penetrates into the concrete substrate for a better bond
- Longer pot life

Coverage Estimates

Pack Size	Coverage
5 kg & 10 kg	Approx. 5m ² /kg/coat



R 3 E

Moisture tolerant epoxy primer

Description

R 3 E is a solvent-free, two-component moisture tolerant epoxy primer for use on concrete and cementitious surfaces that have damp surfaces (e.g. from water spillages or rain) prior to installing polyurethane and epoxy floor systems. It can also be used as a primer for cementitious floor systems by blinding with fine aggregates.

Benefits

- Multipurpose: can be used with cement, epoxy and polyurethane based flooring systems
- Seals the substrate porosity
- Solvent free
- Low viscosity: penetrates into the concrete substrate for a better bond
- Supplied in pre-measured packs for ease of mixing and consistency at site

Coverage Estimates

Pack size	Coverage
5 kg	Approx. 20 - 24 m ² /coat

R 8 CP

Polyurethane tack coat

Description

R 8 CP is a polyurethane based, two component 'tack' coat specifically formulated for use with R 10 CP Coving and Wall Render.

R 8 CP provides excellent adhesion to porous and non porous substrates including concrete, brick and block work.

Benefits

- Seals the substrate porosity
- Suitable for porous and non porous substrates
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Low VOC

Coverage Estimates

Pack size	Coverage
2.40 kg	Approx. 8 - 12 m ²



R 140 CP

Three-component, polyurethane primer

Description

R 140 CP is a three-component, solvent free polyurethane primer. It is designed to seal the porosity of the substrate before installing polyurethane based systems.

Benefits

- Seal the substrate porosity
- Allow the subsequent coating to achieve a correct dry film thickness
- Low viscosity: penetrates into the concrete substrate for a better bond
- Supplied in pre-measured packs for ease of mixing and consistency at site

Coverage estimates

Pack Size	Coverage
5.30 kg	200 - 250 g/m ² /coat depending on the surface porosity



A 3

Screed concentrate

Description

A 3 is a screed concentrate made up of high quality additives and superior polymer to produce rapid usable screed for receiving floor coverings such as tiles/stones/cementitious self levelling compounds/resin coatings/textile floor coverings/parquet flooring.

Uses

- Airport Terminals
- Public spaces
- Shopping Malls
- Universities
- Suitable as an underlay screed for wet on wet application of tiles & natural stones using S 15 C

Benefits

- Early drying compared to traditional cement sand screed
- After 7 days dry, it is ready to receive natural stones, textile floor coverings, parquet flooring and resin coatings.
- Walkable after 8 hours
- No water curing
- It is suitable as binder for screeds according to DIN 18560 and EN 13813

Coverage

1:5 mixing ratio	6.90 m ² @ 20 mm
1:6 mixing ratio	7.70 m ² @ 20 mm
1:8 mixing ratio	9.60 m ² @ 20 mm

Pack Size

500 gms



A 37

Pre-bagged, screed cement

Description

A 37 is a blend of cement, fillers, high quality additives and superior polymer to produce a rapid usable screed for receiving floor coverings such as tiles/stones/cementitious self levelling compounds/resin coatings/textile floor coverings/parquet flooring.

Uses

- Airport Terminals
- Public spaces
- Shopping Malls
- Universities
- Suitable as an underlay screed for wet on wet application of tiles & natural stones using S 15 C

Benefits

- Early drying compared to traditional cement sand screed
- After 7 days dry, it is ready to receive natural stones, textile floor coverings, parquet flooring and resin coatings.
- Walkable after 8 hours
- No water curing (protection with PE-foil sheet recommended)
- It is suitable as binder for screeds according to DIN 18560 and EN 13813

Coverage

1:5 mixing ratio	4.0 m ² @ 20 mm
1:6 mixing ratio	4.5 m ² @ 20 mm
1:8 mixing ratio	5.5 m ² @ 20 mm

Pack Size

25 kg



A 45

Rapid drying and hardening internal repair mortar

Description

A 45 is a blend of cement, fillers, and special additives to produce a rapid drying slump-free mortar used for internal repairs. The mixed mortar sets after 15 minutes and can be trafficked after 90 minutes.

Uses

- Repairing and refacing concrete stair treads/risers, concrete floors, cement and sand screeds
- Filling and patching cracks in walls, ceilings and soffits.
- Making good around pipework, door and window frames.
- After application, ARDEX ENDURA Levelling and Smoothing Compounds can be applied immediately
- Suitable as a wearing course when used in conjunction with resin coatings

Benefits

- Receives finishes after 90 minutes regardless of thickness
- Slump free: ideal for vertical, horizontal and overhead repairs
- Ideal for the rapid repair works
- Binds the mixed water within the mortar, speeding drying and hardening times

Coverage Estimates

Pack size	Coverage
11 kg	Approx. 7 m ² @ 1 mm (7 litres of mortar)



ARDEX A 46

Rapid setting and hardening external repair mortar

Description

A 46 is a rapid setting and hardening, slump free mortar which is ideal for external or internal repairs. The mortar sets and hardens rapidly to give a repair of exceptional strength and hardness. The mixed mortar sets after 20 minutes and can be trafficked after only 2 - 3 hours.

Uses

- Repairing and refacing external concrete stair treads and risers, brickwork (not lightweight concrete), renders and concrete floors.
- Filling and patching cracks in walls and floors.
- Making good around pipe work, door and window frames.
- Forming ramps from 2 mm to 30 mm in thickness.
- Forming coves.
- As a wearing surface in lightly trafficked areas.

Benefits

- For infilling holes around fittings and for patch work on wall and floor areas
- Rapid hardening : walkable in 2 - 3 hours
- Stress and crack free

Coverage Estimates

Pack size	Coverage
11 kg	Approx. 4 m ² @ 2 mm (Approx. 1.4 kg A 46 powder/m ² /mm)



CL 11

Commercial grade, self-levelling Compound

Description

CL 11 has been especially designed to produce a smooth, flat surface when applied to hard, rigid sub-floors such as sand/cement screeds, concrete, etc. CL 11 contains high quality special cements and selected fillers so that, when mixed with water, it produces a free flowing mortar with self-levelling properties. The mortar can be applied at a thickness from 3 - 5mm and suitable for internal areas only.

Uses

Levelling and smoothing uneven internal sub-floors such as concrete, cement sand screed, quarry tiles, etc. prior to the installation of carpets, ceramic tiles, vinyl or parquet flooring. Not suitable for exposed wearing surfaces.

Benefits

- Pumpable: highly fluid for fast installation
- Self-smoothing: produces flat and absorbent surface for subsequent finishes
- Walkable after 3 hours
- Ready to receive floor coverings within 48 hours

Coverage Estimates

Pack size	Coverage
25 kg	Approx. 5 m ² @ 3 mm thickness

K 180

High Strength Self-leveling Compound

Description

ARDEX K 180 is a rapid hardening self leveling compound, walkable after approximately 4 hours and ready for use after 24 - 72 hours. Grey powder with special cements, high quality synthetic resins, selected fillers and other special additives.

Uses

- Dry, internal, cementitious sub-floors.
- Filling, smoothing and leveling of concrete slabs and cementitious screeds prior to application of industrial flooring coatings such as epoxies and polyurethanes.
- Heavily trafficked industrial floors such as production workshops and warehouses.

Features

- High Strength Self – levelling Compound, heavy duty for industrial flooring
- Internal use Pumpable
- Rapid hardening – walkable after approx. 4 hours

Coverage Estimates

Pack size	Coverage
25 kg	Approx. 2.85m ² @ 5mm thickness



K 301

Fast setting resurfacing and levelling compound

Description

K 301 is a fast setting cement-based product designed to smooth, level, rough and damaged concrete surface in external and internal situations. It is a grey powder consisting of special cements, graded aggregates and high quality synthetic resins. When mixed with water, a fluid mortar is produced which sets within 2 hours and can normally walked on after approximately 2 - 3 hours.

Uses

- Balconies and patios.
- Domestic driveways, garages, walkways
- Concrete surface exposed to normal foot and rubber wheeled traffic.
- Filling holes and resurfacing damaged floors

Benefits

- Suitable for internal and external applications
- Cost effective
- Fast setting-walkable after 2 - 3 hours
- Rapid hardening-can withstand light vehicular traffic after 48 hours
- Easy to mix and apply - pumpable
- For thicknesses from 2 - 20 mm in a single application
- Can be used with suitable resin coatings

Coverage Estimates

Pack size	Coverage
25 kg	Approx. 3 m ² @ 5 mm



FEATHER FINISH

Rapid drying patching and smoothing compound

Description

FEATHER FINISH is a blend of cement, fillers, and special additives to produce a rapid drying patching and smoothing compound designed for very thin smoothing applications (typically 1 mm thick or less, but may be used up to 3 mm thick in one application). The RAPIDRY formula enables floor coverings to be installed after as little as 15 minutes.

Uses

- Patching, filling, day work joints, ridges, gouges, depressions, uneven trowel marks, etc., in the sub-floor.
- Smoothing joints between staggered plywood sheets
- Levelling existing ceramic tiles and terrazzo for new floor coverings

Benefits

- Floor coverings can be installed after as little as 15 minutes
- True feather edge allows for greater coverage
- Exceptional bond to plywood, concrete, smoothing compounds, terrazzo and ceramic tiles without the need to prime
- Easy to mix and apply, just add water
- Can be applied at a minimal thickness if a thin smooth surface is required

Coverage Estimates

Pack size	Coverage
10 kg	45 m ² as skim coat



FH 20

Non metallic floor hardener

Description

FH 20 is a pre-mix blended powder containing hydraulic binders and special wear resistance mineral aggregates. It is used as a dry shake over fresh, wet concrete to provide a dense, non-porous surface which is extremely hardwearing and abrasion resistant.

Uses

FH 20 is ideally suited for floors subjected to heavy traffic and not exposed to serious chemical attack such as:

- Loading bays
- Mechanical workshops
- Storage rooms
- Garages
- Car parks and ramps

Benefits

- Hard wearing and abrasion resistance
- Non metallic: does not rust or stain
- Good monolithic bond with base concrete
- Provides a non-slip surface
- Dense surface
- Floor available for full service once concrete is cured.

Pack size

25 kg & 50kg

Coverage

Application Rate kg/m ²	Traffic Use	Avg. wear
6.8 kg - 7 kg	Heavy	< 2 mm
4.7 kg - 5 kg	Medium	2 - 3.5 mm
2.8 kg - 3 kg	Light	3.5 - 4 mm



R 21 CE

Self-smoothing epoxy floor topping (0.5 - 1.0mm)

Description

R 21 CE is a high gloss, self-smoothing, epoxy resin floor finish applied between 0.5 - 1.0 mm thickness. It combines outstanding wearing properties with chemical resistance and decorative finish. Ideally suited in situations where a seamless, joint free finish is required and maximum cleanliness is essential.

Uses

- Laboratories and clean rooms
- Pharmaceutical manufacturing
- Food and beverage production
- Warehouses and storage areas
- General light industry

Benefits

- Seamless: easily cleanable to maintain high standards of hygiene
- Does not support growth of bacteria and fungus
- Tough & Hard wearing: durable with low maintenance cost
- Self-smoothing: provides a flat high gloss finish
- Suitable for use as topping on existing epoxy screed
- Food grade: CFTRI approved; conforms to the specifications as per U.S FDA 175.300

Coverage Estimates

Pack Size
18.5 kg



R 24 CE

Self-smoothing epoxy floor underlay

Description

R 24 CE is an economical, self-smoothing, epoxy resin floor underlay applied between 1 - 4 mm thickness. It combines outstanding mechanical properties with chemical resistance to provide a flat, seamless surface to receive epoxy based coatings or toppings.

Uses

R 24 CE can be used as an underlay for resin floors in

- Laboratories & clean rooms
- Food and beverage production
- Electronics and electrical industry
- Pharmaceutical manufacturing
- Warehouses and storage areas
- Automotive manufacturing
- Textile and paper mills
- Chemical industry
- General medium to heavy industry

Features

- Economical underlay
- Seamless
- Self-smoothing
- Solvent free
- Excellent adhesion to cementitious substrates and subsequent finishes
- Tough & Hard wearing: durable with low maintenance cost

Coverage estimates

Pack Size
19 kg



R 25 CE

High gloss, self-smoothing epoxy floor finish (1 - 4 mm)

Description

R 25 CE is a high gloss, self-smoothing, epoxy resin floor finish applied between 1 - 4 mm thickness. It combines outstanding wearing properties with chemical resistance and decorative finish. Ideally suited in situations where a seamless, joint free finish is required and maximum cleanliness is essential.

Uses

- Laboratories & clean rooms
- Food and beverage production
- Pharmaceutical manufacturing
- Warehouses and storage areas
- Automotive Manufacturing
- Printing plants
- General medium to heavy industry

Benefits

- Seamless: easily cleanable to maintain high standards of hygiene
- Self-smoothing: provides a flat high gloss finish
- Tough & Hard wearing
- Food grade: CFTRI approved
- Available in any standard RAL colours

Coverage Estimates

Pack size	Coverage
16 kg	Approx. 4.9 m ² @ 2 mm thickness



R 30 CE

Water based epoxy floor & wall coating

Description

R 30 CE is a two component, pigmented, water based epoxy coating which improves the chemical and mechanical properties when applied onto cementitious and concrete surfaces. It provides a dustproof, easily cleanable surface which is also resistant to penetration of oils and liquids. The cured film forms a waterproof barrier and is non-toxic.

Uses

- Garages
- Warehouses
- Light industry
- Other areas subject to light vehicle and pedestrian traffic.

Benefits

- Solvent free, non tainting: suitable for use in food industry
- Moisture tolerant
- Water vapour permeable
- Excellent adhesion to cementitious substrates

Coverage Estimates

Pack size	Coverage
4.60 kg	Approx. 30 m ² /coat/pack



R 33 CE

Epoxy coving mortar

Description

R 33 CE is a three component, high performance, trowel applied epoxy mortar designed for use as coving in areas where cleanliness and hygiene is of prime importance. It has outstanding wearing properties with high chemical resistance. Ideally suited for aggressive areas where a seamless, joint free finish is required.

Uses

- Laboratories & clean rooms
- Food and beverage production
- Abattoirs
- Dairies
- Pharmaceutical manufacturing
- Warehouses and storage areas

Benefits

- Tough & hard wearing
- Good abrasion resistance
- Resistant to a wide range of chemicals and liquids
- Seamless
- Hygienic and non-tainting
- Supplied in pre-measured packs for ease of mixing and consistency at site

Coverage Estimates

Pack size	Coverage
16.50 kg	Approx. 9.0 RMT at 2"x2" thick
	Approx. 6.5 RMT @ 3"x3" thick



R 34 CE

Non-toxic epoxy coating for floors & walls

Description

R 34 CE is a two component, non-toxic epoxy protective coating for use on cementitious & concrete surfaces. It provides a tough, hard wearing surface resistant to oil, chemical attack and bacterial growth. R 34 CE is solvent free and available in both pigmented & non-pigmented versions.

Uses

Can be used on on floor, wall and ceiling of:

- Production and processing areas
- Dairies
- Soft drinks and bottling plants
- Breweries

Benefits

- Suitable for concrete and mild steel substrates
- Easily cleanable to maintain high standards of hygiene
- Does not support growth of bacteria and fungus
- Odour: easy to apply
- Food grade: CFTRI approved
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Available in any standard RAL colours

Coverage Estimates

Pack size	Coverage
7 kg	Approx. 40 m ² /coat/kit @ 100 microns



R 35 CE

Solvent free, high build epoxy floor coating

Description

R 35 CE is a solvent free, high performance, epoxy floor coating available in both pigmented and non-pigmented versions. It combines outstanding wearing properties with chemical resistance and decorative finish. R 35 CE can be applied between 400 - 500 microns thickness.

Uses

- Chemical manufacturing plants
- Laboratories & clean rooms
- Food and beverage production
- Pharmaceutical plants
- Internal car parks

Benefits

- Seamless
- Tough & Hard wearing
- Provides a high gloss finish
- Slip resistant finish possible with use of anti-slip aggregates in wet working areas and car parks
- Food grade: CFTRI approved
- Available in any standard RAL colours & non-pigmented version

Coverage Estimates

Pack size	Coverage
6 kg	For smooth finish
	18 - 20 m ² /coat/ kit @
	200 microns
	For slip resistant finish
	15 - 17 m ² /coat/ kit @
	250 microns



R 41 CE

Solvent Based Epoxy Coating

Description

R 41 CE is a solvent based, epoxy floor coating available in both pigmented and non-pigmented versions. It combines hard wearing properties with decorative finish ideally suited in situations where a seamless, joint free finish floor is required and maximum cleanliness is essential.

As a solvent-based system it is recommended that R 41 CE should not be applied where foodstuffs are being used, processed or stored.

Uses

- Laboratories & clean rooms
- Warehouses
- Engineering workshops
- Production and assembly lines
- Chemical production and processing

Benefits

- Hard wearing: durable with low maintenance costs
- Easily cleaned to maintain hygiene
- Provides gloss finish
- Economical and easily applied
- Good wear and abrasion resistance
- Good general chemical resistance
- Available in a range of colours & non-pigmented version

Coverage Estimates

Pack size	Coverage
6 kg	18 - 22 m ² /kit/ 2 coats
	@ 200 microns WFT



R 100 CE

Heavy duty epoxy floor screed

Description

R 100 CE is a three component, solvent-free epoxy screed applied between 3 - 10 mm thickness. The finished floor exhibits outstanding wearing properties along with excellent slip and chemical resistance.

Uses

- Heavy engineering industries
- Chemical manufacturing units
- Oil refineries
- Wet process areas
- Sugar, food and beverage production
- Warehouses and storage areas
- Textile industry
- Laboratories and clean rooms
- Pharmaceutical manufacturing

Benefits

- Hard wearing, durable with low maintenance cost
- Resistance to wide range of chemicals
- Seamless : easily cleaned to maintain high standards of hygiene
- Excellent slip resistance to foot traffic
- Good abrasion resistance

Coverage Estimates

Pack size	Coverage
16.50 kg	Approx. 1.60m ² @ 5mm thickness



R 213 CE

Epoxy modified cementitious self smoothing floor screed

Description

R 213 CE is a specialist applied, self-smoothing, epoxy modified cementitious floor screed with excellent resistance to wear and abrasion. R 213 CE can be applied over damp concrete and also in areas that are in close proximity to water. When over coated with epoxy coating the chemical resistance properties are enhanced. Application Thickness 2 - 4 mm

Uses

- Levelling of concrete surfaces in new works or repairs
- Repair & maintenance of vacuum dewatered concrete floors
- Laboratories, clean rooms, pharmaceutical manufacturing
- Food and beverage production
- Warehouses and storage areas
- Textile industry

Benefits

- Non toxic and safe to use indoors
- Moisture tolerant
- Hard wearing, durable with low maintenance cost
- Resistance to wide range of chemicals
- Seamless
- Compatible with resin based overlays

Coverage estimates

Pack size	Coverage
26.25 kg	Approx. 6.25 m ² /pack @ 2mm thickness



R 625 CE

High performance, antistatic, conductive self-smoothing, epoxy flooring system

Description

R 625 CE is seamless, self-smoothing, conductive epoxy flooring designed to eliminate build-up of static electricity with excellent conductive properties. The cured flooring exhibits an attractive joint free finish with chemical resistance and decorative properties.

Benefits

- Electrostatically Conductive
- Excellent Chemical, Mechanical and Abrasion Resistance
- Seamless: easily cleaned to maintain high standards of hygiene
- Hard wearing and durable
- Microelectronic industry grade conductivity $10^4 - 10^6 \Omega$

Coverage Estimates

Pack size	Coverage
R 625 CE Conductive Coating	
2.250 kg	Approx. 9m ² /coat

R 625 CE Top Coat	
14 kg	Approx. 4.3m ² @ 2mm thickness



R 10 CP

Polyurethane coving and wall render

Description

R 10 CP is a four component, high performance, polyurethane mortar designed for use as coving and wall render. It has outstanding wearing properties with high chemical resistance, temperature resistance and available in a range of colours. Ideally suited for aggressive areas in wet and dry process environments where a seamless, joint free finish is required and maximum cleanliness is essential.

Benefits

- Laboratories & clean rooms
- Food & beverage production
- Abattoirs
- Dairies
- Cold storages
- Pharmaceutical manufacturing
- Warehouses
- Effluent storage pits
- Lining of drains

Coverage Estimates

Pack size	Coverage
14.15 kg	For Rendering: Approx. 1.7 m ² @ a thickness of 5mm For Coving: Approx. 2 kg per RMT @ 2"x2" thick Approx. 4 kg per RMT @ 3"x3" thick



R 12 CP

Single component, polyurethane wall coating

Description

R 12 CP is a single component, water dispersible, polyurethane wall coating designed for use in laboratories, clean rooms, pharmaceutical manufacturing, food production where high degree of hygiene, algae and fungi resistance is essential.

Benefits

- Solvent free : does not taint food stuff
- Food grade: CFTRI approved; conforms to the specifications as per US FDA 175.300
- Easy application
- Easily cleaned and maintained
- Suitable for application on previously applied epoxy, polyurethane walls

Coverage Estimates

Pack size	Coverage
2, 5 & 20 litres	Approx. 9 - 10 m ² /litre/ coat @ 50 microns DFT



R 15 CP

Low viscosity repair system and renovation coating for application to polyurethane floors

Description

R 15 CP is a solvent free, low viscosity repair material which may also be used as a coating for application to polyurethane floors and also as renovation coating over polyurethane floors. R 15 CP can be extensively used for applications where a thin coating is required to reduce texture or improve appearance and cleaning.

R 15 CP is also suitable for application as a line marking paint on previously applied polyurethane floors such as R 70 CP or R 90 CP.

Benefits

- Hard wearing
- Resistant to a wide range of chemicals and liquids
- Suitable for use in food and drinks production environments
- Seamless: easily cleaned to maintain high standards of hygiene
- Available in any standard RAL Colour

Coverage Estimates

Pack size	Coverage
3.254 kg	10 - 20 m ² /coat @ 100 microns dependent on the texture, applied thickness and substrate condition.



R 50 CP

Two-component modified urethane coating

Description

R 50 CP is a two-component modified urethane coating for use as an independent coating or as a part of a multi-coat system with ARDEX ENDURA range of resin floorings. It has good crack bridging properties and provides excellent resistance to abrasion and chemical attack.

Uses

- Car park decks & ramps
- Engineering Works
- Service centers, garages
- Warehouses
- Loading Bays
- Walkways / stairwells

FEATURES

- Abrasion resistant coating
- Chemical resistant
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Available in a range of colours

Coverage estimates

Pack Size	Coverage
16 kg	0.4 kg/m ² as base coat
	0.4 kg/m ² as intermediate coat
	(or 0.5 kg/m ² as top coat)



R 69 CP

Two component, UV resistant, polyurethane coating

Description

R 69 CP is a two component, pigmented, aliphatic polyurethane coating. It has good UV resistance and suitable for use in both internal and external applications. R 69 CP can be used as an independent coating or as a top coat with ARDEX ENDURA range of resin flooring systems.

Uses

- Car park decks & ramps
- Engineering Workshops
- Service centers, garages
- Warehouses
- Loading Bays & Exposed Decks
- Walkways / stairwells

Benefits

- Seamless and water tight
- UV resistant
- Hard Wearing
- Flexible
- Good chemical and oil resistant

Coverage estimates

Pack Size	Coverage
4 kg	120 g/m ² (top coat)
	150 g/m ² /coat (for independent vertical coatings)
	200 g/m ² /coat (for independent coating system)



R 70 CP

Medium duty polyurethane screed

Description

R 70 CP is a polyurethane resin flooring system having outstanding wearing properties with high chemical resistance and pleasing decorative finish. Ideally suited in aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Suitable for use from 2mm up to 5mm thickness.

Uses

- Food and beverage production
- Pharmaceutical manufacturing
- Warehouse and storage
- Semi wet processing zones
- Chemical plants
- General heavy duty plant and traffic areas

Benefits

- Hard wearing
- Facilitates rapid application
- Resistant to a wide range of chemicals and liquids
- Seamless
- High Impact resistance
- Food grade: CFTRI approved
- Available in range of colours

Coverage estimates

Pack size	Coverage
20 kg	Approx. 5.38 m ² when applied at a thickness of 2mm



R 71 CP

Self-smoothing epoxy polyurethane floor topping

Description

A specialist applied, 1mm thick self-smoothing epoxy polyurethane resin floor finish combining outstanding wearing properties with chemical resistance and decorative properties. Ideally suited in areas where a seamless, joint free finish is required and maximum cleanliness is essential.

Uses

- Laboratories
- Clean rooms
- General light industry

Benefits

- 1 mm thick, smooth, tough, hard wearing, durable with low maintenance costs
- Good abrasion resistance. Withstands foot and vehicular traffic
- Resistant to a wide range of chemicals and liquids
- Seamless: easily cleaned to maintain high standards of hygiene
- Self-smoothing properties provide a flat high gloss finish
- Hygienic
- Available in any standard RAL Colour

Coverage estimates

Pack size	Coverage
15 kg	Approx. 10 m ² @ 1 mm thick



R 90 CP

Heavy duty polyurethane screed

Description

R 90 CP is a heavy duty polyurethane screed which includes hard wearing aggregates for outstanding impact and abrasion resistance. It provides a dense, chemical resistant, seamless, joint free floor finish. Suitable for use from 4mm up to 9mm thickness.

Uses

- Food processing and storage
- Abattoirs and drinks production
- Dairies, cheese and milk production
- Pharmaceutical manufacturing
- Warehouse and storage
- Cold rooms, chillers and freezers
- Commercial and industrial kitchens
- Semi wet processing zones
- General heavy duty plant and traffic areas

Benefits

- Facilitates rapid application
- Resistant to a wide range of chemicals and liquids
- Seamless, Odourless & Taint-free
- Resistant to thermal shock at 9mm thick can withstand steam cleaning regimes
- Food grade: CFTRI approved
- Available in range of colours

Coverage estimates

Pack size	Coverage
32 kg	Approx. 3.0 m ² when applied at a thickness of 5mm

10 Steps to a Brilliant Resin Floor

1. Evaluate the Existing Floor

There are three main factors to consider when first looking at an existing floor:

- Physical Condition
- Moisture
- Previous Uses/Contamination

2. Select the Right System

Taking into consideration the results of the evaluation, the needs and expectations of the client and the advice of ARDEX ENDURA, select a suitable resin finish. Whilst cost is always a factor, selecting a lower performance system in order to meet cost restrictions very rarely results in satisfaction for the client!

3. Plan the Job – Schedule and Labour

The work schedule must consider achievable laying rates and curing times of both the final finish and intermediate layers. Ensure sufficient experienced labour is allocated in terms of both mixing and application.

4. Plan the Job – Access and Layout

When planning the layout of the job, take into consideration;

- Access routes (width of doors and corridors for machinery etc)
- Access to power
- Access to water
- Setting of mixing stations
- Disposal of waste and packaging
- Bay sizes
- Floor joints and drain details

Steps 1 - 4 are key to a successful result. There are very few problems that cannot be overcome, and no problem that is not better addressed a few weeks prior to installation rather than a few hours!

5. Storage of Materials on Site

Store all materials according to AEIPL guidelines. Cold materials flow less and set slower, which can result in an impaired finish. Conversely, very warm materials will give a reduced working time which can again lead to an impaired finish. For most products the optimum temperature range is 15° to 25°C.

Note: Slab temperature may not reflect ambient temperature.

6. Preparation and Repairs

All floors require some degree of mechanical preparation before receiving bonded material and this preparation should be carried out immediately prior to receiving the finish. The longer the time left between preparation and application, the more likely the floor will need to be prepared again. Selection of repair materials should reflect the expected duty of the floor, and repair materials in turn will require preparation if they are to receive any bonded materials.

7. Mixing Materials

Maintain a tidy mixing station with easy access to all required components and suitable facilities for disposal of packaging. Always use the recommended mixing equipment. Ensure that mixing times and sequences are followed. Avoid leaving mixed material in the mixing vessel for longer than is necessary. Protect the area surrounding the mixing station from splashes.

8. Application

Apply materials in strict accordance with AEIPL instructions. Ensure consistency of application and finishing techniques to achieve the best finish. Should unforeseen circumstance arise on site, which requires a break in application, steps must be taken to ensure a neat and tidy day join, including any anchor grooves on either side wherever applicable.

9. Protect your Work!

There may be some time both between intermediate stages of the project and between final finish and handover to the client. Ensure the floor is protected from traffic, contamination and damage during these periods.

10. Cleaning and Maintenance

All floors (not just resin) benefit from a suitable and consistent cleaning and maintenance regime, which will vary depending upon expected duty of the finished project. Make sure the client is aware of the recommended regime for the resin floor, and of the deterioration in appearance that will occur if the agreed regime is not implemented and maintained. Please refer to FeRFA cleaning and maintenance guidelines on how to maintain your new resin floor.



CPS 10 E

Epoxy based car park protection system for Internal Decks

Description

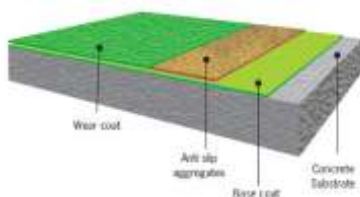
CPS 10 E is a tough, durable, epoxy based car park protection system providing a seamless, wear resistant, profiled surface to intermediate decks of multi-story car parks. The high gloss helps to brighten the car park and provides aesthetical finish by demarcation of different areas.

Uses

- Internal Car Park decks & ramps
- Service centers, garages
- Warehouses
- Loading Bays

Benefits

- Seamless: easily cleanable to maintain high standards of hygiene
- Tough & Hard wearing: durable with low maintenance cost
- Resistant to a wide range of chemicals and liquids
- Provides a high gloss finish
- Anti skid
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Aesthetically attractive: Available in range of colours



CPS 20 ID

Polyurethane based car park protection system for Internal Decks

Description

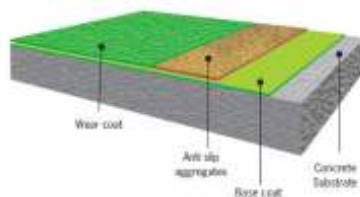
CPS 20 ID is a tough, durable, polyurethane car park protection system providing a seamless, wear resistant, profiled surface to intermediate decks of multi-story car parks. CPS 20 ID is available in various colours, providing aesthetics and demarcation of different areas.

Uses

- Internal Car Park decks & ramps
- Service centers, garages
- Warehouses
- Loading Bays

Benefits

- Seamless
- Anti skid
- Hard wearing: extremely durable and abrasion resistant with low maintenance cost
- Resistant to a general and vehicle related chemicals spillages
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Aesthetically attractive: Available in range of colours





CPS 30 ED

Polyurethane based, uv stable, car park protection system for External Decks

Description

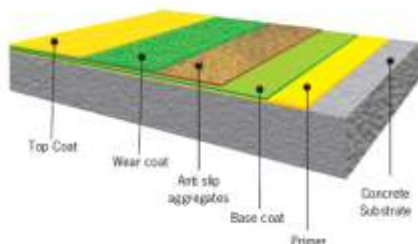
CPS 30 ED is a tough, durable, UV stable, polyurethane car pack protection system providing a seamless, wear resistant, profiled surface to external decks of multi-story car parks.

Uses

- Exposed car park decks & ramps
- Engineering Works
- Loading Bays

Benefits

- Seamless & watertight
- UV stable
- Anti skid
- Tough & Hard wearing
- Resistant to a general and vehicle related chemicals spillages
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Aesthetically attractive: Available in range of colours



R 130 C

Anti-slip aggregates for use with ARDEX ENDURA resin systems

Description

R 130 C is used to increase the slip resistance of industrial resin coatings and car park protection systems.

Uses

R 130 C is used in conjunction with ARDEX ENDURA resin systems in locations such as

- Car park decks & ramps
- Industrial Floors.
- Service centers, garages
- Warehouses
- Loading Bays
- Walkways/stairwells

Benefits

- Slip resistant
- Non-metallic
- High impact
- Wear resistant
- Improves bond strength

Grain size

R 130 C Fine: 0.1mm - 0.3mm

R 130 C Medium: 0.3mm - 0.8mm

R 130 C Coarse: 0.5mm - 1.0mm

Coverage estimates

Pack Size	Coverage
20 kg	0.6 - 1.0 kg/m ² (depending on location of use)



Flooring Adhesives

Flooring Adhesives

Moisture Barrier Primers	65
Flooring Adhesives	66



ARDEX P 7

Ready-to-use Primer for Non-Absorbent Substrates

Description

ARDEX P 7 Primer is designed for use on internal floors. The consistency of ARDEX P 7 Primer has been optimised so that dripping and splashes are virtually eliminated. For use prior to the installation of ARDEX ENDURA tile adhesives and floor-levelling compounds. ARDEX P 7 Primer produces a textured grip which facilitates tile on tile application, eliminating the risk of adhesives slipping when being applied to smooth surfaces.

Features

- Ready mixed re-sealable tub for convenience and ease of use
- Rapid drying - dries in as little as 30 minutes
- Pink colour allows clear identification of primed areas
- Moisture resistant - for internal use
- Produces a textured grip surface
- For use with ARDEX ENDURA tile adhesive and floor levelling compounds
- Suitable for a wide range of non-absorbent smooth, dense substrates
- Solvent free according to TRGS 610
- Classified as EMICODE EC1 PLUS: Very low in emissions

Coverage Estimates

Pack size	Coverage
12 kg	80-120 m ²

ARDEX PU 30

Primer & Moisture Barrier

Description

Solvent free, low emission, one-component Polyurethane Primer and Moisture barrier for absorbent and nonabsorbent subfloors. Due to the reaction with moisture a hard and dry film will be achieved.

Features

- Priming of moisture sensitive substrates
- Consolidation of absorbent substrates
- Priming of old and new substrates
- Priming absorbent and non-absorbent subfloors
- 1-component: ready for use
- Low emissions, water and solvent-free

Coverage Estimates

Pack size	Coverage
11 kg	100 - 150g/m ² in one coat as a primer
	250 - 300g/m ² in two coats as moisture barrier



AF 131

Adhesive for vinyl floor covering sheet and tiles

Description

AF 131 is water-based, low odour, solvent free, polymer emulsion-based single component floor covering adhesive containing a blend of high quality dispersions, mineral fillers and water. AF 131 has a long tack time, with very good early and long term adhesive strength.

Uses

- As an adhesive for all types of vinyl (PVC and vinyl tiles or cushioned type flooring) and most carpets
- Can be applied on chip board, hard board, plywood etc
- Designed for use on concrete and sand/cement screeds, levelling and smoothing compounds, terrazzo.

Benefits

- Good initial tack
- Extended tack time
- Economical
- Water-based, solvent free formulation
- Very low odour
- Easy to apply
- Can be used on vertical surfaces
- Single component product
- Floor covering adhesive for internal use

Coverage Estimates

Pack Size	Coverage
5 kg	Approx. 4.5 - 5.0 m ² /kg

ARDEX AF 148

All Purpose Flooring Adhesive

Description

ARDEX AF 148 is a single component, dispersion-based adhesive for laying LVT, PVC and VCT floorings in sheets, tiles, planks and carpet tiles on internal levelled subfloors.

Features

- Dispersion based
- Low odour and very low emissions
- Extra long open time
- Suitable for installation of vinyl sheets, vinyl tiles, LVT and carpet tiles
- Semi-wet and pressure sensitive properties.

Coverage Estimates

Pack Size	Coverage
10 kg	Approx. 130 - 160g/m ²



ARDEX AF 325

Carpet Adhesive

Description

ARDEX AF 325 is a water-based, low odour, solvent free, acrylic, emulsion based floor covering adhesive. With an extended working time, ARDEX AF 325 offers excellent application properties with high early grab and a high final bond strength. It is protected from biodegradation and has excellent resistance to plasticiser migration.

Features

- Excellent early grab means that carpet can be installed immediately
- 20 minute extended working time
- Rapid strength development
- High temperature resistance, suitable for use over underfloor heating systems
- Solvent free.

Coverage Estimates

Pack size	Coverage
14 kg	Covers up to 35m ²

ARDEX AF 620

Solvent Free Contact Adhesive

Description

ARDEX AF 620 is a heavy duty, solvent-free dispersion-based contact adhesive. Ideal for securing floor coverings accessories and profiles to internal vertical and horizontal surfaces such as, walls, ceilings and stairs. For internal use only.

Features

- Solvent free formulation
- Very low emission
- Easy to apply with a short-piled roller, paint brush or notched trowel
- Long working time
- Floors can receive foot traffic immediately after application
- Strong bond and high initial tack.

Coverage Estimates

Pack size	Coverage
2.5 kg	Approx. 100 - 200g/m ²



ARDEX AF 825

Surface Tackifier

Description

ARDEX AF 825 is a water-based, extremely low odour, solvent free, acrylic, emulsion-based floor covering tackifier. ARDEX AF 825 is odourless when dry, and has a short airing time and permanent tack. It is protected from biodegradation and has good resistance to plasticiser migration.

Features

- Install floor coverings in as little as 10 minutes, or up to 24 hours after application
- Instant release allows worn or damaged tiles to be removed easily
- Suitable for raised access flooring
- High temperature resistance, suitable for use over underfloor heating systems
- Extremely low odour
- Solvent free

Coverage Estimates

Pack Size	Coverage
10 kg	Covers up to 125m ²

ARDEX AF 2270

Universal Conductive Adhesive

Description

Light coloured, acrylic dispersion adhesive with special fibres to achieve a high conductivity. Very low emissions.

Features

- Relatively emission-free
- No odour when dry
- Solvent-free
- Very wide range of applications
- For textile and flexible floor coverings
- Can be used under textiles, linoleum and rubber flooring without a conductive primer
- Very high strength.

Coverage Estimates

Pack Size

12 kg

Coverage

For textile coverings and linoleum:

S 2 Application: 400-450 g/m²

For PVC coverings in rolls and sheets:

P 7 Application: 250-300 g/m²

For coverings with highly structured backing:

P 25 Application: 500-550 g/m²



ARDEX AF 2365

Universal Flooring Adhesive

Description

ARDEX AF 2365 is a water-based, low odour, solvent free, acrylic, emulsion-based floor covering adhesive. ARDEX AF 2365 offers excellent application properties and is protected from biodegradation and has good resistance to plasticiser migration.

Features

- Suitable for installing all main floorcovering types: Luxury Vinyl Tiles and Planks, Textile, Rubber up to 2.5mm thick, Linoleum, Vinyl Sheet, Cushioned Vinyl
- Once applied, floorcoverings can be installed up to 40 minutes later
- High temperature resistance, suitable for use over underfloor heating systems
- Solvent Free
- Very low emissions

Coverage estimates

Pack size	Coverage
14 kg	Covers up to 67m ²

ARDEX AF 2525

Two Component Heavy Duty Adhesive

Description

ARDEX AF 2525 is a low odour, low emission, solvent free two component polyurethane floor covering adhesive. ARDEX AF 2525 offers, very high bond strength, excellent application properties and an extended open time. It is protected from biodegradation and has good resistance to plasticiser migration.

Features

- Moisture, weather and water resistant
- Suitable for internal and external use
- High temperature resistance, for use in areas of direct sunlight e.g. conservatories
- Very high bond strength, for use in high load areas
- Easy to mix and apply
- Very low emissions
- Solvent free

Coverage estimates

Pack size	Coverage
6 kg	Covers up to 20m ²



ARDEX AF 2575

Heavy Duty One Component Adhesive

Description

ARDEX AF 2575 is a solvent free, low odour, wet bond MS Polymer based floor covering adhesive. ARDEX AF 2575 is protected from biodegradation and has good resistance to plasticiser migration.

Features

- High temperature resistance, for use in areas of direct sunlight
- Very high bond strength, for use in high load areas
- Ready mixed and ready for use
- Resealable bucket reduces waste
- Adhesive residues can be easily removed when fresh or hardened
- Suitable for all floor coverings, including Luxury Vinyl Tiles
- Very low emissions
- Solvent free

Coverage Estimates

Pack Size	Coverage
7 kg	Covers up to 23m ²



Tile & Stone Installations



Tile & Stone Installations

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TA

Tile adhesive

Description

Grey, polymer modified adhesive suitable for fixing ceramic tiles on walls & floors in interior situations. Suitable for fixing tiles upto 6 mm bed thickness (can be extended up to 12 mm thickness in area of limited extent).

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

Standards

- Complies to the requirement of IS 15477: 2019 Type1T

Benefits

- Polymer modified adhesive
- Easy mixing & application
- Internal situations
- For concrete/plaster surface
- Suitable for fixing ceramic tiles on walls & floors

Coverage Estimates

Pack size	Coverage
20 kg	Approx. 1.45 - 1.55 kg/m ² /mm

BRONZE STAR

Polymer Modified adhesive

Description

Grey, polymer modified adhesive suitable for fixing ceramic tiles on walls & floors on walls & floors in interior dry situations on cementitious backgrounds.

Standards

- Complies to the requirement of IS 15477: 2019 Type1T

Benefits

- Polymer modified adhesive
- Easy mixing & application
- Improved working time
- Good bond to concrete/plaster surface
- Enhanced flexibility & adhesion can be obtained with addition of ADMIX AD1 (latex additive)

Coverage Estimates

Pack size	Coverage
20 kg	Approx. 1.45 - 1.55kg/m ² /mm

*Available only in Kerala & Tamil Nadu



S 15 C

Cement based adhesive for use by wet-on-wet method

Description

S 15 C is a polymer modified, high strength, grey cement based adhesive used in slurry consistency for fixing vitrified tiles, ceramic tiles and stable natural stones. It is not suitable for fixing moisture sensitive stones and for vertical applications.

Areas of Application

- Interior & Exterior floors
- Domestic and Commercial floors

Background/Bases

- Fresh Sand/Cement Screed
- Fresh screed modified with 'screed concentrate' (refer A 3 TDS for details)

Benefits

- Good bond strength
- Longer working time compared to cement slurry
- Economical: Suitable for tiling on fresh screed
- Suitable for fixing vitrified tiles, ceramic tiles and stable natural stones

Coverage Estimates

Pack size	Coverage
26 kg	Approx. 3 kg/m ² @ 2mm thickness



SILVER STAR

Polymer modified tile adhesive

Description

Polymer modified grey cement-based adhesive, suitable for fixing ceramic tiles for floors & walls in interior situations. Suitable for fixing ceramic tiles upto 6 mm bed thickness (can be extended up to 12 mm thickness in area of limited extent). The set adhesive is water-resistant and is suitable for use in showers and bathrooms.

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

Standards

- Complies to the requirement of IS 15477: 2019 Type1T

Benefits

- Good bond strength
- Water resistant
- Easy mixing & application

Coverage Estimates

Pack size	Coverage
2 kg & 20 kg	Approx. 1.40 - 1.55 kg/m ² /mm



SILVER STAR^{Plus}

High polymer modified, cementitious, tile/stone adhesive

Description

High polymer modified, grey cement based tile adhesive suitable for fixing wall and floor tile/stone in interior and exterior situations upto 6mm bed thickness (can be extended up to 12 mm in area of limited extent). The set adhesive is water-resistant and is suitable for use in showers and totally immersed situations such as swimming pools.

Standards

- Complies to the requirement of IS 15477: 2019 Type2T
- Complies with the requirement of EN 12004: 2017 C1T

Benefits

- High bond strength
- Easy mixing, smooth application & better workability
- Water resistant

Coverage Estimates

Pack size	Coverage
26 kg & 20 kg	Approx. 1.30 - 1.40 kg/m ² /mm

*Available all India except North & East
26 kg (South) / 20 kg (West & Central)

GOLD STAR

High polymer modified, cementitious, tile/stone adhesive

Description

High polymer modified, grey cement based tile adhesive suitable for fixing wall and floor tile/stone in interior and exterior situations upto 6mm bed thickness (can be extended up to 12 mm in area of limited extent). The set adhesive is water-resistant and is suitable for use in showers and wet areas. By addition of ADMIX AD1, GOLD STAR is suitable for use in totally submerged conditions such as swimming pools.

GOLD STAR is used for wall and floor tiles, mosaics, vitrified and fully vitrified tiles, terrazzo and natural stone.

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

Standards

- Complies to the requirement of IS 15477: 2019 Type2T
- Complies with the requirement of EN 12004: 2017 C1T

Benefits

- High bond strength
- Easy mixing, smooth application & better workability
- Water resistant

Coverage Estimates

Pack size	Coverage
2 kg & 20 kg	Approx. 1.30 - 1.40 kg/m ² /mm



WHITE STAR

White cement based, high polymer modified, tile/stone adhesive

Description

High polymer modified, white cement based tile adhesive suitable for fixing wall and floor tile & natural stone in interior and exterior situations upto 6mm bed thickness (can be extended up to 12 mm in area of limited extent). The set adhesive is water-resistant and is suitable for use in showers and totally immersed situations such as swimming pools.

WHITE STAR is used for wall and floor tiles, mosaics, vitrified and fully vitrified tiles, marble, terrazzo and natural stone.

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

Standards

- Complies to the requirement of IS 15477: 2019 Type2T
- Complies with the requirement of EN 12004: 2017 C1T

Benefits

- High bond strength
- Easy mixing, smooth application & better workability
- Water resistant

Coverage Estimates

Pack size	Coverage
2 kg & 20 kg	Approx. 1.35 - 1.40 kg/m ² /mm



DIAMOND STAR

High performance, polymer modified, non-slip adhesive

Description

Grey/White cement based, high polymer modified, high strength adhesive for fixing tile & stone on wall/floor in interior/exterior situations upto 6mm bed thickness (can be extended up to 12 mm in area of limited extent).

DIAMOND STAR is flexible and can accommodate shocks due to impact load and heavy traffic. It is used for fixing ceramic, vitrified & fully vitrified tiles, glass mosaic, porcelain, terrazzo, natural stone and engineered stone.

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

Standards

- Complies to the requirement of IS 15477: 2019 Type3T
- Complies with the requirement of EN 12004: 2017 C2TS1

Benefits

- Very high bond strength
- Non-slip
- Flexible adhesive
- Water resistant
- Easy mixing, smooth application & better workability

Coverage Estimates

Pack size	Coverage
2 kg & 20 kg	Approx. 1.25 - 1.35 kg/m ² /mm



DIAMOND STAR *Plus*

High performance, polymer modified adhesive with superior bond strength

Description

Grey cement based, polymer modified, high performance adhesive with superior bond strength and extended open time with reduced vertical slip for fixing various types of tile & stone (use ARDEX ENDURA UNDER TILE & STONE PRIMER coating for moisture sensitive stones) on wall/floor in interior/exterior situations. It is water resistant and suitable for tiling in submerged conditions.

Standards

- Complies to the requirement of IS 15477: 2019 Type4T
- Complies with the requirement of EN 12004: 2017 C2TS1

Benefits

- Extended open time
- Reduced slip
- High initial grab
- Highly thixotropic with easy application & good workability
- Superior bond strength
- Water resistant

Coverage Estimates

Pack size	Coverage
20 kg & 50 kg	Approx. 1.22 - 1.30kg/ m ² /mm

PLATINUM STAR

Premium quality, high polymer modified deformable adhesive

Description

White cement based, water & frost resistant, high polymer modified, high strength adhesive for fixing tile and stone on wall/floor in interior/exterior situations upto 6mm bed thickness (can be extended up to 12 mm in area of limited extent). The set adhesive is water-resistant and suitable for use in swimming pools.

PLATINUM STAR White is used for fixing ceramic, vitrified & fully vitrified tiles, glass mosaic, porcelain, terrazzo, metal or glass tiles, non staining natural stone and engineered stone.

Standards

- Complies to the requirement of IS 15477: 2019 Type4T
- Complies with the requirement of EN 12004: 2017 C2TES1

Benefits

- Very high performance and strength
- Flexible adhesive
- Premium multi use adhesive
- Excellent water and frost resistance
- Excellent tensile & shear adhesion
- Easy mixing, smooth application & better workability

Coverage Estimates

Pack size	Coverage
2 kg & 20 kg	Approx. 1.25 - 1.35 kg/m ² /mm



PLATINUM STAR^{Plus}

High performance, fibre reinforced, deformable tile/stone adhesive

Description

High polymer modified, grey/white coloured adhesive formulated with enhanced properties of slip resistance, flexibility and extended open time necessary for fixing large format tiles, slim tiles and stable natural stones on wall/floor in interior/exterior situations.

Standards

- Complies to the requirement of IS 15477: 2019 Type4TS1
- Complies with the requirement of EN 12004: 2017 C2TES1

Uses

Fixing large format tiles or light coloured stones on:

- Cement & lime renders
- Fibre cement boards, plaster boards, gypsum boards (rigidly fixed)
- Pre-fabricated concrete walls
- Existing tiled surface

Features

- Fibre reinforced for high performance and strength
- Deformable: accommodates differential movement of the covering
- Good slip resistance required for fixing large format wall tiles

Coverage Estimates

Pack size	Coverage
20 kg	Approx. 1.10 - 1.20 kg/m ² /mm



FLEX

Two component, flexible tile/stone adhesive for wood & metal surface

Description

Two-part adhesive comprising of rubber-based powder and water based polymer liquid. Flexible adhesive for use in areas where tiling is likely to be subjected to some limited background movement or vibration, especially wood, plywood & metal surface. Available in grey and white.

Standards

- Complies with the requirement of EN 12004: 2017 C2ES2

Benefits

- High performance flexible adhesive
- Suitable for wood & metal surface
- High tensile strength
- Water and frost resistant
- Suitable for use in interior and exterior locations
- Suitable for submerged conditions

Coverage Estimates

Pack size	Coverage
FLEX Grey 15.41 kg	Approx. 5.50 m ² /pack
FLEX White 12.50 kg	Approx. 4.50 m ² /pack



ArdiFlex S1

High performance, fibre reinforced, deformable tile/stone adhesive

Description

High polymer modified, adhesive formulated with enhanced properties of slip resistance, flexibility and extended open time necessary for fixing large format tiles, slim tiles and stones on wall/floor in interior/exterior situations.

- Available in White & Grey colours

Standards

- Complies to the requirement of IS 15477: 2019 Type4TES1
- Complies with the requirement of EN 12004: 2017 C2TES1

Uses

Fixing large format tiles/stones on :

- Cement & lime renders
- Fibre cement boards, plaster boards, gypsum boards (rigidly fixed)
- Pre-fabricated concrete walls
- Cementitious floor screed
- Existing tiled surface

Benefits

- Fibre reinforced for high performance and strength
- Good slip resistance
- Extended open time
- Bed thickness upto 15mm

Coverage Estimates

Pack size	Coverage
50 kg	Approx. 1.2 kg/m ² /mm

ArdiFlex S2

High performance, fibre reinforced, highly deformable tile/stone adhesive

Description

High polymer modified, off-white coloured adhesive specifically formulated to have enhanced properties of slip resistance and deformability necessary for fixing tile and stone on substrates that are subjected to deformation and/or vibrations.

Standards

- Complies to the requirement of IS 15477: 2019 Type4TES2
- Complies with the requirement of EN 12004: 2017 C2TES2

Uses

Fixing tiles & stones on :

- Deformable substrates or substrates subjected to vibration
- External facades
- Fibre cement boards, plaster boards
- Suspended swimming pools
- Areas exposed to direct sunlight & temperature fluctuations (podiums)

Benefits

- Fibre reinforced
- Highly deformable
- Extended open time
- Bed thickness upto 15mm

Coverage Estimates

Pack size	Coverage
50 kg	Approx. 1.10 - 1.20 kg/m ² /mm



WA 91

Three part epoxy adhesive and grout

Description

WA 91 is a high performance epoxy adhesive and grout that exhibits superior bond strength and chemical resistance. It is designed for fixing and grouting tiles and stones on metal or fiber glass surfaces. Also suitable for installation of natural stones and agglomerates that have a tendency to stain or warp when installed with water based adhesives.

Benefits

- Non slump
- Resistant to chemicals and a variety of acids
- Water impermeable
- High mechanical strength and good adhesion
- Can be used in submerged conditions
- Capable of withstanding minor vibration movements
- Workable and easy to grout joint width from 2 to 10 mm

Suitable Substrates

- Fibre Reinforced Plastic (FRP) & Glass Reinforced Plastic (GRP)
- Medium density fibre-cement sheet, Plasterboard
- Glass, Metal, MS and Aluminum surfaces.
- Existing ceramic and stone tiles
- Concrete, Renders, Screeds

Coverage Estimates

Pack size	Coverage
4.2 kg	Approx. 1.73 m ² @ 1.5 mm bed thickness

ArdiFlex PU 5

Modified polyurethane multipurpose adhesive for tile & stone

Description

ArdiFlex PU 5 is a two-part modified polyurethane multipurpose adhesive for fixing water-sensitive ceramic tiles, natural or artificial stone and for fixing all tile types to variety of substrates in interior and exterior areas sensitive to moisture.

Standards

- Complies to the requirement of IS 15477: 2019 Type5TS2
- Complies with the requirement of EN 12004: 2017 Type R2T

Uses

For fixing tiles & stones on deformable and non-deformable substrates such as:

- Particle boards, plywood, plasterboards, gypsum fibre boards, fibre cement boards
- PVC, rubber, linoleum
- Epoxy or Polyurethane based substrates
- GRP, polyester and plaster slabs
- Metal & wood floor and walls

Features

- Ideal for moisture sensitive stones
- High bond strength, chemical resistant
- Freezing, thermal shock resistant
- Reliable bond to impermeable, smooth and vibrating substrates.

Coverage Estimates

Pack size	Coverage
8 kg	Approx. 3 kg/m ²



M 15

Thin bed adhesive for AAC blocks

Description

M 15 is a grey, polymer modified, water resistant adhesive suitable for AAC block work.

Benefits

- Polymer modified adhesive
- Good adhesion strength
- Easy mixing & application
- No curing required

Pack size

26 kg

Coverage

Depends on the length, height, width of the block along with the required adhesive thickness



CEMENT POLYMER GROUT

Polymer modified grout for wall and floor tile/stone joints

Description

A high quality polymer-modified, water resistant, cement based grout designed for grouting glazed wall tiles, porcelain tiles, mosaic, vitrified & fully vitrified tiles, natural and engineered stones.

Benefits

- Good bond strength
- Water resistant
- For interior & exterior use
- Suitable for joint width of 1 - 6 mm
- Available in range of colours
- Conforms to overall Migration Test specifications as per USFDA - 175.300, certified by CFTRI for intended use for contact with portable water

Coverage Estimates

Pack size	Coverage
500 g, 1 kg & 10 kg	Consumption depend on joint width, size of tiles

Wet Density: 1.80

SUPER GROUT

High polymer modified, water and stain resistant grout

Description

SUPER GROUT is a high quality, high polymer - modified, high performance grout with excellent water - repellent and efflorescence resistance properties designed for grouting glazed tiles, mosaic, vitrified and fully vitrified tiles, ceramic tiles, industrial tiles, granites, marbles & other natural stones etc. SUPER GROUT has higher strength, water and stain resistance compared to normal cement grout.

Benefits

- Better efflorescence and stain resistance
- Suitable for joint width of 1 - 6 mm
- For interior & exterior use
- Available in range of colours
- Conforms to overall Migration Test specifications as per USFDA - 175.300, certified by CFTRI for intended use for contact with portable water

Coverage Estimates

Pack size	Coverage
1 kg	Consumption depends on joint width, size of tiles.

Wet Density: 1.80



WIDE JOINT GROUT

Polymer modified grout for wide joints

Description

High quality, water resistant, cement based grout designed for grouting ceramic tiles, clay tiles, concrete tiles, mosaics, quarries etc. Not recommended for tiles with metal decor or luster.

Benefits

- Provides high strength and durable joints
- Water resistant
- Water based - easy to be cleaned from tiled surface
- Suitable for joint width of 3 - 12 mm
- For interior & exterior use
- Available in Grey & white

Coverage Estimates

Pack size	Coverage
10 kg	Consumption depend on joint width, size of tiles

Wet Density: 1.90

EPOXY GROUT

High performance epoxy tile grout

Description

EPOXY GROUT is hygienic, stain-resistant, 3 component epoxy resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. The cured grout does not transfer taints to food products, prevents the entry of bacteria or dirt and is easily maintained in a sterile condition.

Benefits

- Hygienic and chemical resistant
- Stain and bacterial resistant
- Provides high strength and durable joints
- Suitable for submerged conditions
- Water based : easy to be cleaned from tiled surface
- Suitable for joint width of 1 - 12 mm
- For interior & exterior use
- Available in range of colours
- Conforms to the Global Migration Test laid by USFDA for intended use for contact with aqueous food & beverage (water based) products.
- Exceeds EN 13888 requirements

Coverage Estimates

Pack size
1 kg & 5 kg (2.5 kg x 2)

Coverage
Consumption depend on joint width, size of tiles

Wet Density: 1.70



WA D

High performance epoxy grout with SPARKLING effect for walls & floors

Description

WA D is an epoxy grout specially designed to enhance the aesthetics of the tile joint with a 'sparkling' effect. It is available in Gold, Bronze & Silver colours.

WA D is a four component grout with high degree of resistance to chemical attack, abrasion and impact. The cured grout is hygienic, impervious and does not permit the entry of bacteria or dirt.

Uses

Grouting of tiles/stones in areas where 'sparkling' effect is desired, such as

- Restaurants & Hotels
- Showrooms
- Shopping malls & Multiplexes
- Bathrooms

Benefits

- Provides 'sparkling' effect to tile joints
- High strength and durable joints
- Hygienic and chemical resistant
- Stain and bacterial resistant
- Suitable for joint width of 2 - 20 mm

Coverage estimates

Pack Size	Coverage
1 kg & 5 kg	Consumption depends on joint width and size of tiles

Specific gravity = 1.60

F R

Furane Resin based adhesive, grout and acid-proof liner for effluent treatment plants

Description

F R is two component cement based on Furane Resin, graded fillers, special additives with a catalyst. The hardened cement exhibits resistance to all non oxidizing acids dilute oxidizing acids and has a temperature resistance up to 165°C.

The F R is an ideal choice for laying and pointing of ceramic tiles, grouting where non oxidizing acids, oxidizing acids, solvents and alkalis used for neutralizing reaction. F R should not be used where Hydrogen Fluoride, Strong alkalis are encountered.

Benefits

- High temperature resistance up to 165°C
- Suitable for acid proof tile fixing and grouting on concrete substrate
- High strength
- Suitable for acid proof substrates
- Ease to apply
- Resistant to a wide range of chemical and liquids

Coverage Estimates

Pack Size	Coverage
4 kg	Approx. 1m ² /kit @ 3mm thickness using notched trowel

TILE ADHESIVE & GROUT ADDITIVES

ADMIX AD 1

Liquid polymer additive for use with cement based adhesives

Description

ADMIX AD1 is a white, polymer emulsion for use with cement mortar or cement based adhesives to improve the flexibility, water resistance and bond strength.

ADMIX AD1 is specifically recommended for use with GOLD STAR/WHITE STAR while tiling in swimming pools and water retaining structures.

Pack Size

1 litre & 5 litres

Dosage

1 litre for every 20 kg bag of cement based adhesives

ArdiFlex ADMIX

Latex additive for use with ArdiFlex S1

Description

ArdiFlex ADMIX is a liquid additive for use with ArdiFlex S1 to obtain a high performance, highly deformable adhesive and achieve the performance criteria of class C2TES2.

Benefits

- Improves flexibility & water resistance
- Increases adhesion & bond strength
- Suitable for wet areas & swimming pools
- Suitable for interior & exterior situations

Pack Size

5 litres

Dosage

A 50 kg bag of ArdiFlex S1 will require approx. 2.5 litres of ArdiFlex ADMIX

ADMIX GT 1

Liquid polymer additive for use with cement polymer grout, super grout and wide joint grout

Description

White, synthetic polymer emulsion for use with cement-based grouts. Suitable for use in interior and exterior locations in both dry and wet service conditions.

Uses & Benefits

- Improves flexibility
- Reduced water permeability: improves water resistance
- Increase the abrasion resistance of grout
- Suitable for submerged conditions
- Suitable for Interior & Exterior

Pack Size

100ml & 1 litre



UNDER TILE & STONE PRIMER

Water based under tile & stone primer to prevent efflorescence

Description

UNDER TILE & STONE PRIMER is a water based primer designed as a barrier to prevent water, alkali and other compounds from reaching the surface and to avoid efflorescence that can cause surface discolouration especially in cement substrates, stones and porous tiles.

Uses

UNDER TILE & STONE PRIMER can be used for natural stones and tiles in interior & exterior situations such as:

- Walls
- Floors
- Kitchens
- Bathrooms

Benefits

- Can be primed on concrete surface before painting or laying of tiles to prevent efflorescence and to provide water resistance surface
- Allows moisture vapour transmission
- Water based primer
- Prevent surface discolouration
- Uniform, strong cohesive film
- Efficient barrier against migrating alkali & minerals

Coverage Estimates

Pack size	Coverage
500 ml & 5 litres	Approx. 10 -15m ² /litre/ coat depending on porosity of the surface

HEAVY DUTY IMPREGNATING TILE & STONE SEALER

Solvent based deep penetrating sealer

Description

HEAVY DUTY IMPREGNATING TILE & STONE SEALER is a solvent based deep penetrating sealer designed for use on marble, lime stone, granite, slate, terrazzo and other natural stone to reduce the water permeability of the surface. It reduces stains, seals with a wet look finish enhancing the colour of the stones and provides a breathable surface.

Benefits

- Seals with a wet look finish
- Stain resistant
- Non-yellowing
- Improves wear resistant of surface
- Reduces water permeability
- Enhances the colour of the stone
- Suitable for both exterior and interior applications

Coverage Estimates

Pack size	Coverage
1 litre	approx. 5 - 15m ² /litre/ coat depending on porosity



IMPREGNATING TILE & STONE SEALER

FC - SS

Deep Penetrating Sealer

Description

IMPREGNATING TILE & STONE SEALER is a deep, penetrating sealer for use on unglazed floor tiles, porous tiles such as terracotta, clay tiles and stone to reduce water permeability of the surface. It reduces stains, seals with a glossy finish enhancing the colour of tiles providing a breathable surface on interior & exterior tiled surfaces, bricks & stones.

Benefits

- Gloss finish
- Stain resistant
- Improves wear resistant of porous tiles
- Allows moisture vapour transmission
- Suitable for both exterior and interior applications

VOC Content 3.16 g/l

Coverage Estimates

Pack size	Coverage
500 ml & 5 litres	approx. 5 - 15m ² /litre/ coat depending on porosity

High performance sealer

Description

A premium solvented hybrid system with fluorochemical technology sealer which bonds with tile/stone for improved wear resistance.

Benefits

- Natural look
- Fluorochemical technology
- Hydrophobic/oleophobic
- Non-yellowing
- Improves the wear resistance of tiles & stones
- Allows the tiles & stones to breath
- Penetrates into Nano pores
- Effective on vitrified and Nano tiles
- Protects tiles & stone against UV rays
- Protects tiles and stones against efflorescence, rust stains
- Protection against toughest oils & water based stains
- Durable long lasting "seal"

Coverage Estimates

Pack Size	Coverage
1 litre & 5 litres	Approx. 10 - 15m ² /litre/ coat depending on the porosity of the surface.

FC SEALER

Natural Stone Protecting Sealer

Description

Designed for application on natural stone to prevent staining and corrosion from water borne stains. FC Sealer penetrates the interconnected pores in the stone and prevents passage of liquids. Also suitable for use as a sealer coat on cement-based tile joint grouts.

FC Sealer is applied as a thin coating that protects stains, soiling, discoloring, etc.,

Benefits

- Natural look finish
- Penetrates and seals the pores
- Prevents stains and migration of water borne pollutants
- Non-flammable, low VOC & UV resistant
- Easy to use & apply
- Can be used before applying tile joint grout to prevent staining of tile edges
- For exterior and interior applications
- Reduces water absorption
- Color will not change when applied on stone or tile
- Eco friendly product

Coverage Estimates

Pack Size	Coverage
5 litre & 20 litres	Approx. 80 sft (Depending on the porosity of the substrate)



CP FITTINGS & SANITARY CLEANER (I)

Cleaner for chromium plated fittings & sanitary wares

Description

An effective cleaner designed for CP Fittings & Sanitary wares. This unique product removes stubborn water stain marks and hard scaling which develops due to hardness of water.

Uses

CP FITTINGS & SANITARY CLEANER (I) can be used on

- Bath Fittings
- Bath Accessories
- Kitchen Sinks
- Washbasins
- Chrome Plated Article

Benefits

- Effective cleaner for CP fittings & sanitary wares
- Removes hard scaling which develops due to hardness of water
- Removes stubborn water stain marks & lime scale with ease
- Based on surfactant to protect your chrome plated taps

Pack Size

500 ml & 5 litres



HEAVY DUTY TILE CLEANER

Cleaner for removal of cement stains

Description

A powerful, heavy duty, acid - based cleaner for ceramic tiled floors and walls. HEAVY DUTY TILE CLEANER is designed for removal of cement film residues, efflorescence and most oxide stains. It may also be used as general purpose cleaner on other acid resistant surface.

Note: Do not use on surfaces that are not resistant to acid such as marble/terrazzo.

Uses

HEAVY DUTY TILE CLEANER is used for interior and exterior ceramic tiled floors and walls.

Benefits

- Powerful formula
- Fast acting
- Easy to apply
- Removes cement film
- Removes residues, efflorescence and most oxide stains

Pack Size

500 ml & 5 litres



NON ACIDIC CLEANER MARBLE & STONE CLEANER

Non acidic wall & floor tile cleaners

Description

Fast acting, non-acidic, concentrated, wall and floor tile/stone cleaner. The special formulation removes dirt, grease and stains from tiled surfaces. When dry, the surface is left hygienically clean.

Uses

NON ACIDIC CLEANER can be used in interior situations such as:

- Operation theatres
- Walls
- Floors
- Kitchens
- Bathrooms
- Countertops

Benefits

- Non-acidic
- Fast acting
- Anti-bacterial
- Provides hygienically clean surroundings
- Shield against MICROBE
- Easy to use

Pack Size

500 ml

Highly effective cleaner for everyday maintenance

Description

A highly effective cleaner designed for everyday maintenance of tiles, marbles & natural stones etc. Suitable as a general purpose cleaner. It is very much safe and less reactive (compared to other cleaners based on Hydrochloric acid) especially on marble surfaces. Designed specially for removal of lime scale & for everyday maintenance of tiles, marbles, natural stones, etc. Ideal for regular maintenance of heavily trafficked areas such as shopping malls, hotels etc.

Uses

MARBLE & STONE CLEANER can be used in interior & exterior situations such as:

- Walls
- Floors
- Kitchens
- Bathrooms
- Countertops
- Heavy trafficked areas

Benefits

- Daily maintenance
- General purpose cleaner
- Effective against lime scales
- Mild enough to use on stones / porous tiles

Pack Size

500 ml & 5 litres



POWER CLEAN

Cleaner for stained tiles and sanitaryware

Description

A powerful, degreasing cleaner designed to remove grime, oil and other stains commonly encountered in residential and commercial establishments. The product is suitable for use on tiles and sanitaryware and maintains a hygienic and clean surface.

Uses

POWER CLEAN is used for tiled floors and walls, bathtubs, wash-basins, toilets, kitchens, etc.,

Features

- Powerful formula
- Fast acting
- Easy to apply
- Removes stains easily
- Does not affect the glaze of the applied surface
- Does not damage the grout applied between the tiles

Pack Size

1 litres & 5 litres

TOOLS AND TACKLES



**Thin-Bed
Metal Notch Trowels**



**Thick-Bed
Metal Notch Trowels**



Grout Rake



Spacers
2, 3, 4, 5, 8 & 10 mm



Mixing Bucket



Hand Trowels



Gauging Spreader Rake



Mixing Paddle



Decorative Finishes

The PANDOMO® range of products creates a decorative, seamless and very hard wearing surface for floors, walls and ceilings. PANDOMO® allows all surfaces to be designed with consistency of colour and finish in mind. PANDOMO® offers designs ranging from classical, contemporary, and urban vibrant or a style truly individualised to match your inspiration and requirement.

PANDOMO® from ARDEX is a modern surface design system that opens up a wealth of exclusive design options.

PANDOMO® Wall – seamless wall surfaces fully customised to individual requirements.

PANDOMO® Floor – creative flooring in a virtually infinite range of colours and designs.

PANDOMO® Terrazzo – elegant floor design in the classic terrazzo style.

All PANDOMO® systems raise the bar in speed and cost efficiency, not to mention timeless elegance for walls and floors.



panDOMO K1

Design, levelling compound, white

Benefits

- Creates PANDOMO® Floor and FloorPlus Surfaces with ARDURAPID® effect
- Fast drying
- Layer thicknesses of from 5 to 10 mm
- Self-levelling
- Crack-free even in thick layers
- Can be pumped



panDOMO K2

Design thinlayer compound for floor areas, internal white

Benefits

- Produce PANDOMO® Loft floors with ARDURAPID® - effect
- Fast drying
- For Finish/Scratch coats
- High surface strength
- Fast walkable
- Fast load-bearing



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ARDEX ENDURA (INDIA) PRIVATE LIMITED

an **ISO 9001:2015 / ISO 14001:2015** certified company

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