

WATERPROOFING SYSTEMS



ABOUT US

ARDEX - GLOBAL LEADER OF HIGH-PERFORMANCE BUILDING PRODUCTS

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 LEADING SOLUTION AND SERVICE PROVIDER OF INNOVATIVE BUILDING SYSTEMS.”



LIQUID APPLIED WATERPROOFING



CEMENTITIOUS WATERPROOFING SYSTEMS

WPM 004 Acrylic Cementitious Waterproofing Coating



Pack size:
4 & 20kg pack

Coverage:
14m²/20kg/2 coats

- Features:**
- UV resistant
 - Low VOC
 - Self-primed system

- Properties:**
- Crack bridging ability: 1mm
 - Thickness: 1mm
 - Bond strength: >1.0N/mm²

Substrate & Application Areas : Cementitious substrates | For wet areas & kitchens | Balconies | Small span roof waterproofing

WPM 004 Flex High Performance Flexible Acrylic reinforced Cementitious Waterproofing Membrane



Pack size:
10 & 42kg pack

Coverage:
24m²/42kg/2 coats

- Features:**
- UV stable: Exposed Grade
 - No additional primer required
 - Food grade- Low VOC

- Properties:**
- Elongation: >200%
 - Crack bridging: 2mm
 - Thickness: 1mm
 - Tensile strength: >2.0N/mm²
 - Conforms: 21 CFR 175 – 300 of US-FDA

Substrate & Application Areas : On Fibre cement board | For wet areas & commercial kitchens | Terraces and balconies | Retaining walls
Precast structures | Water tanks | Swimming pools

WPM 002 Two Component Undertile Waterproofing Membrane



Pack size:
40kg pack

Coverage:
16-24m²/2 coats

- Features:**
- Fibre reinforced: Excellent strength, eliminates need for reinforcing mat
 - Fast drying: Tiling after 16 - 24 hrs
 - Compatible with ARDEX ENDURA polymer modified adhesives

***Primer:** WPM 265/WPM 300

- Properties:**
- Elongation: 332% (Meets class III AS4858)
 - Crack bridging: 1.6mm
 - Thickness: 1.2mm
 - Tensile strength: 2.9N/mm²
 - Meets: Green Building Council of Australia
 - BRANZ appraised

Substrate & Application Areas : On drywalls, fibre cement, gypsum board, plywood, particle board (marine grade) | Precast structures
For elevated swimming pools | Podiums | Terraces | Balconies | Internal wet areas

ACRYLIC WATERPROOFING SYSTEMS

WPM 125 Fast Drying, Acrylic Elastomeric Waterproofing Coating



Pack size:
20kg pack

Coverage:
18m²/2 coats



- Features:**
- Quick drying - Tiling after 48hrs
 - Low VOC

***Primer:** WPM 125 Primer

- Properties:**
- Elongation at break: > 150%
 - Crack bridging: Up to 3.2mm
 - Tensile strength: 1.5N/mm²
 - Water permeability: Nil
 - Thickness: 0.5mm



Substrate & Application Areas : Dry walls- gypsum fibre boards, plaster boards | Cement boards, screeds, renders, cementitious levelling compounds
Precast structures | Wet areas | Walkways & terraces | Kitchens | Balconies

WPM 310 Elastomeric, UV Stable, Flexible External Facade Membrane

 	Features: <ul style="list-style-type: none">BreathableNaturally fungi retardantHeat insulation & energy efficientDecorative: Can be applied in different textures <p>*Primer: WPM 265/WPM 300 *For 110 thickness microns use WPM 309 with WPM 209 as primer</p>	Properties: <ul style="list-style-type: none">Elongation: > 460%Crack bridging: Up to 3.2mmSolar reflectance index (SRI): 103(White)Tensile strength: 2.1N/mm²Thickness: 300 microns
Pack size: 15L pack	Coverage: 24m ² /2 coats	



Substrate & Application Areas : Exterior RCC surface | Plastered walls | Precast walls

WPM 007 ROOFKOTE High Build Exposed Grade Acrylic Waterproofing Coating

 	Features: <ul style="list-style-type: none">Flexible, abrasion & UV resistantAllows water vapour to escape from substrateSuitable for roofs with light foot traffic <p>*Primer: WPM 007 Primer</p>	Properties: <ul style="list-style-type: none">Elongation: > 140%Tensile strength: > 1N/mm²Thickness: 1mmColours: Terracotta, green, grey
Pack size: 5 & 20kg pack	Coverage: 10-10.25m ² / 20kg/ 3 coats	

Substrate & Application Areas : Terraces - flat & slope | Over existing sound substrates, brick-bat coba, screeds, acrylic coatings, metal & tiles



WPM 007 COOLKOTE Acrylic Heat Reflective & Waterproofing Coating

 	Features: <ul style="list-style-type: none">Flexible, abrasion & long-term durabilityExcellent bonding to existing substrates <p>*Primer: WPM 007 Primer</p>	Properties: <ul style="list-style-type: none">Elongation: 200%Solar reflectance (ASTM E 1980): 108(White)Tensile strength: > 1N/mm²Substrate temperature reduction: Up to 10°CThickness: 1mm
Pack size: 5 & 20kg pack	Coverage: 10.25-10.50m ² / 20kg/ 3 coats	

Substrate & Application Areas : Terraces - flat & slope | Over existing sound substrates, brick-bat coba, screeds, metal & tiles



POLYURETHANE WATERPROOFING SYSTEMS

WPM 810 High Performance, Elastomeric PU Waterproofing Membrane

 	Features: <ul style="list-style-type: none">Eco friendly & less odorHighly flexible - Root resistant - thermally stable coatingGood chemical resistantGood resistance to soil borne chemicals	Properties: <ul style="list-style-type: none">Elongation: 600%Crack bridging: 3.2mmThickness: 1mmTensile strength: 1.5N/mm²Shore A hardness: > 60
Pack size: 20kg pack	Coverage: 10m ² /2 coats	

Substrate & Application Areas : Podiums | Inverted roofs | Planter boxes | Foundations | Retaining walls | Water tanks | ETP | Bridges | Precast structures

WPM 158 High Build, Single Component, Elastomeric Polyurethane Based Waterproofing Membrane

 	Features: <ul style="list-style-type: none">Compatible with almost every construction materialHigh flexible weather & UV resistantResistant to abrasion and blushingGood resistance to wide range of chemicalsColour: Available in a range of colours	Properties: <ul style="list-style-type: none">Elongation: 400%Crack bridging: > 2mmTensile strength: 1.0N/mm²Solar reflectance: 101(White)Shore A hardness: > 80Thickness: Wall - 0.3mm, Floor - 1mm
Pack size: 5, 10 & 25kg pack	Coverage: 13.9-16.6m ² /25kg/2 coats (Roof) 41.5-50m ² /25kg/2 coats (Wall)	

Substrate & Application Areas : Terraces - flat & slope | Over existing sound substrates, brick-bat coba, screeds, metal & tiles

EPOXY WATERPROOFING SYSTEMS

WPM 300 Multipurpose Water Based Epoxy Membrane



Pack size:
 1 & 20L pack

Coverage:
 30m²/20L /2 coats

Features:

- Can be applied on damp surface & green concrete
- Non-toxic, food grade and anti fungal
- Prevents rising damp and efflorescence
- Hydrostatic pressure resistant
- Anti-fungal

Properties:

- Hydrostatic pressure resistant: 25m
- Confirms: CFTRI, BS6920:2000 & AS/NZS 4020:1999
- Thickness: 300 microns

*Primer: WPM 200 for 40m Hydrostatic Pressure Head

Substrate & Application Areas : Negative side – damp-proof coating | Potable water tanks | Primer/putty for waterproof coats

R 816 CE Epoxy Coal Tar Coating



Pack size:
 60L pack

Coverage:
 150m² /2 coats

Features:

- Heavy duty protective and waterproofing coating
- Excellent resistance against acids and alkalis and varied chemicals
- Excellent abrasion resistance
- High build coating

Properties:

- Finish: Semi glossy
- Thickness: 300 microns
- Pot life: 60-90 minutes
- Recoat time: 6hrs
- Salt spray test (500hrs): Passes

Substrate & Application Areas : Sewerage & waste water tanks | Lining of tanks, pipes and ducting, steel pipes | Jetties | Offshore platforms
 Underground steel & concrete structures

CRYSTALLINE CAPILLARY WATERPROOFING

WPM 415 C Crystalline Waterproofing



Pack size:
 20kg pack

Features:

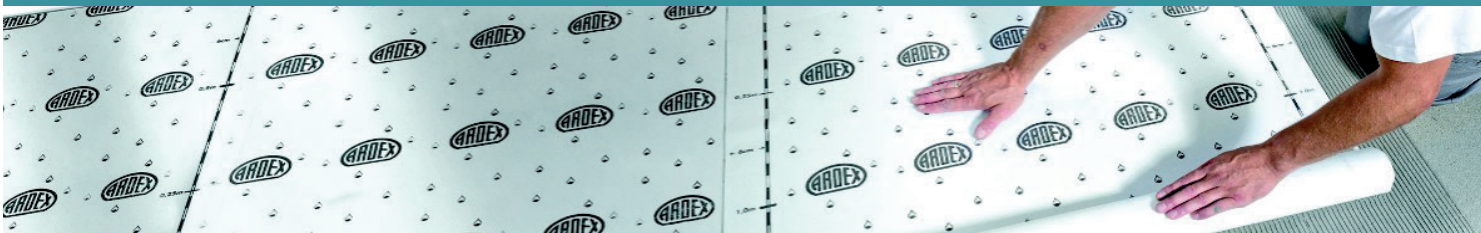
- Deeply penetrates and seals the substrate
- Seals hairline cracks up to 0.5mm
- Toxic free: potable grade

Properties:

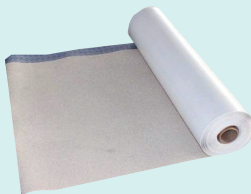
- Depth of penetration: < 22mm (DIN 1048 part 5)
- Conforms: 21 CFR 175 – 300 of US-FDA

Substrate & Application Areas : As a slurry, dry shake & concrete admix in below grade applications & water retaining structures

SHEET APPLIED WATERPROOFING



WPM 3000 BG HDPE Membrane With Pressure Sensitive Adhesive (PSA) With Sand Granular Layer



Length: 20m
Width: 1.2m
Thickness: 1.2mm

Features:

- Loosely laid, fully bonded system
- Superior barrier - aggressive ground salts & chemicals
- Flexible material - for site irregularities
- Designed for below rafts & retaining walls without working space

Properties:

- Elongation: 500%
- Tensile strength: 250kg/cm²
- Tearing strength: 130kg/cm
- Puncture resistance: ≥ 1000N
- Peel adhesion strength to concrete: 1500N/m
- Hydrostatic head resistance: 71m

*WPM 3100 BG- HDPE membrane with only pressure sensitive adhesive (un sanded)



Substrate & Application Areas : For deep basements | Underground metro stations | Tunnels, subways & underpass | Car parks | Roads & bridges

WPM 3000 X High Performance, Self-Adhesive SBS Membrane



Length: 20m
Width: 1.0m
Thickness: 1.5mm

Features:

- Cold applied & Flexible membrane
- Effective water and vapour barrier
- Absorbs substrate movement
- Root resistant & tear resistant
- Does not contaminate ground water

*Primer: WPM 230

Properties:

- Tensile strength (Film) (L/T): 250/350 N
- Puncture resistance: >250 N
- Tear strength (Film) (L/T): 19/23 N
- Elongation (Compound membrane): >250%
- Comply performance requirements and tolerance level: ASTM and IS standards

Substrate & Application Areas : Underground structures | Inverted roofing | Swimming pools | Tunnels | Softscape | Planter boxes

WPM 1000 X Waterproofing And Decoupling Tile-able Membrane



Length: 30m
Width: 1.0m
Thickness: 0.62mm

Features:

- Polyethylene sandwiched between 2 layers of non-woven polypropylene
- Fast track - continuation of subsequent work / waterproofing in just 2 days
- Decoupling - no tension between the substrates and the floor

Properties:

- Extension break – Longitudinal: 90%, lateral: 120%
- Resistance to tear- Longitudinal: 100N, Lateral: 140N
- Resistance to water pressure: 1.5bar
- Burst pressure max internal: >3.0bar

Substrate & Application Areas : Renovation works | Wet areas in hotels | Sports facilities & shopping malls | Balconies, terraces & swimming pools
Commercial kitchens

WATERPROOFING ANCILLARIES / CONCRETE REPAIR

INTEGRAL WP

E 160



Integral Waterproofing Liquid For Concrete And Mortar

Pack size: 200ml, 1, 5 & 20L

ADMIXTURES

E 125



Multi-Purpose Acrylic Copolymer Admix & Waterproof Coating

Pack size: 1, 5 & 20L

E 135



Multi-Purpose SBR Admix

Pack size: 1, 5 & 20L

E 10



Expanding And Plasticising Powder Grouting Admixture

Pack size: 250g

INSTANT PLUG, SEALANT & CRACKFILLERS

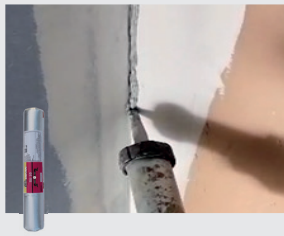
WPM 401 C



InstaPlug

Pack size: 1 & 10kg

SU 10



PU Based Moisture Curing Joint Sealant

Pack size: 600ml

ACF 8



Ready To Use Crack Filler Paste For Internal & External Surfaces For Plaster Cracks

Pack size: 500g, 1 & 5kg

EP 320



Solvent Free Low Viscosity Epoxy Injection Grout

Pack size: 1 & 5kg

TAPES, REINFORCEMENT MAT & SWELLABLE WATERBAR

WPT 300 Series



Modified Polyester Non Woven Tape for Corners, Constructions & Precast Joints, Dynamic Crack Treatment

Pack size:

WPT 312- 120mm/70mm; 50m
WPT 324- 240mm/190mm; 15m

WPT 1000



FPO Tape for Sealing Joints with High Movements & Large Expansion Joints

*Adhesive: EP 305 (Epoxy Based)

Pack size:

20mx100mmx1mm
20mx200mmx1mm
20mx300mmx1mm

Deck Web



Polyester Non Woven Reinforcement Mat For Corners & Crack Treatment

Gauges: 40, 50, 60, 70gsm

WPM SW Series



Swellable Waterbar

Pack size:

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

CONCRETE REPAIR & PROTECTION

A 3



Screed Concentrate

*A 37 - Pre-Bagged, Screed Cement

Pack size: A 3 - 500gms, A 37 - 25kg

A 45



Rapid Drying And Hardening Internal Repair Mortar

*Feather Finish - Rapid Drying Patching and Smoothing Compound

Pack size: A 45 - 11kg
Feather Finish - 10kg

B 30

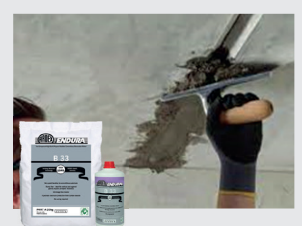


High Strength, Cementitious, Non-Shrink Precision Grout for Bore Packing, Base Plates & Precast Joints & Grouts

*B 31 - For High Early & Ultimate Strength

Pack size: 5 & 25kg

B 33



Light Weight, High Build, Polymer Modified Cementitious Renovation Mortar

Pack size: 20.60kg

B 35



Structural Grade, Polymer Modified Cementitious Repair Mortar

Pack size: 20.20kg

B 40



High Strength, Non-Shrink, Free Flowing Cementitious Micro Concrete

Pack size: 25kg

B 50



Industrial, High Strength, Free Flowing Epoxy Grout

*B 51 - Industrial, High Early Strength, Free Flowing, Epoxy Grout

Pack size: B 50 - 26.50kg,
B 51 - 28kg

EP 300



Epoxy Bonding Agent

Pack size: 1 & 5kg

EP 310



Polyester Resin Anchoring Grout

*EP 310 F - For Fast Setting, Polyester Resin Anchoring Grout

Pack size: EP 310 - 1 & 4kg
EP 310F - 1kg

EP 410



Epoxy Zinc Rich Primer

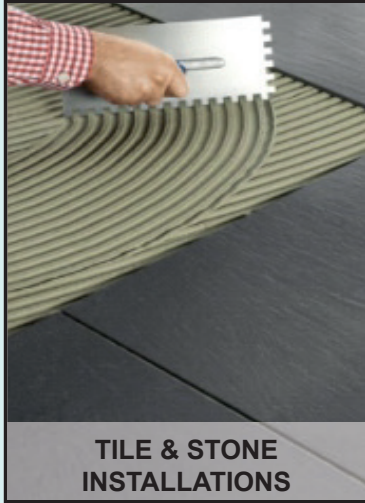
Pack size: 500ml & 1L



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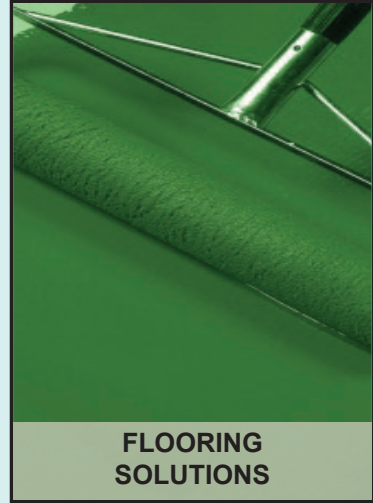
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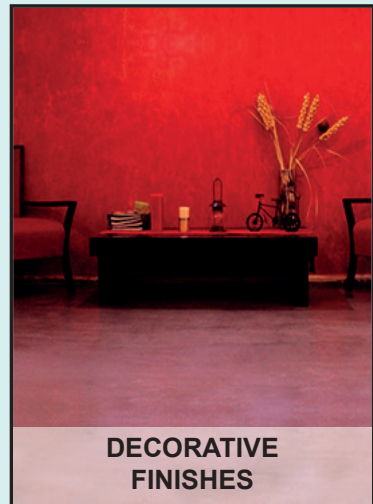
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ARDEXENDURAacademy
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The ARDEXENDURAacademy has been created to ensure that the knowledge gained through the seminars and hands-on trainings will have a positive impact on an attendee's ability to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



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