



Polyurethane Systems



Epoxy Systems



**SYSTEMARDEX**  
INDUSTRIAL FLOORING SYSTEM



[www.ardexendura.com](http://www.ardexendura.com)



SYSTEMARDEX is a system of high quality, totally compatible products matched to unparalleled technical and field support.



ARDEX ENDURA offers a complete range of industrial flooring products including concrete toppings, primers, epoxy coatings, and polyurethane floor screeds suitable for all type of industrial flooring applications.

## INDUSTRIAL FLOORING SYSTEMS FROM ARDEX ENDURA

The all-new range of Industrial Flooring Products from ARDEX ENDURA is designed to work together as an integrated system. Each new product is the result of R&D to ensure absolute product compatibility & market leading performance. ARDEX ENDURA Industrial flooring products are the most advanced system solution for polyurethane screeds, epoxy coatings, & primers.

## Industrial Flooring System from ARDEX ENDURA

The range of industrial flooring system from ARDEX ENDURA is designed to work together as an integrated system for your peace of mind. Each product is the result of research and development with the help of industrial flooring contractors to ensure absolute product performance. Specify ARDEX ENDURA industrial flooring products and you know you've chosen the most advanced system solution for polyurethane screeds, epoxy coatings, fast track concrete toppings, screed renovation system and primers.

Pan Foods



Degania Medical Devices



Yamaha



Freeman Hospital



Giles Foods Ltd.



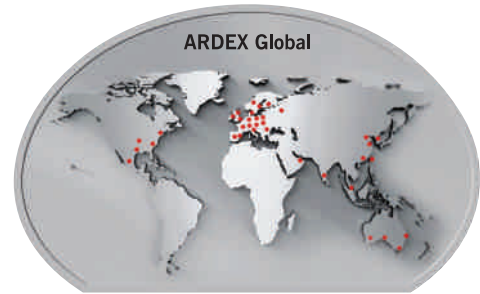
Ransomes Jacobsen



# ABOUT - ARDEX ENDURA INDIA PVT LIMITED

## ARDEX - A GLOBAL PERSPECTIVE

ARDEX German heritage dates back more than 60 years and, as a global manufacturer of high performance specialty building products, ARDEX has remained at the forefront of the worldwide building & construction industry. The ARDEX name has been synonymous with innovative, premium quality products and services globally for many decades. Strong internal growth and intelligent acquisitions have resulted in annual sales exceeding Euro 500 million putting the ARDEX Group firmly on the world map with 36 subsidiaries and marketing in 50 countries across five continents.



The heart of the ARDEX product development process is at the central R&D in Witten, Germany; added to this are several local Centres of Excellence (CoE) around the world.

## ARDEX ENDURA - INDIA

BAL range of products was merged with ARDEX ENDURA (INDIA) PVT LTD after the joint venture between ARDEX Group, Germany and Prism Cement Limited, India. AEIPL has Technology Transfer agreements with ARDEX Group companies and the latest technology flows in from its Centers of Excellence.

With the guidance and support from the ARDEX group, ARDEX ENDURA remains the quality leader for the industry, offering excellent building chemicals with supreme processing reliability. With 31 branches all over India and strategically positioned state-of-the-art manufacturing plants, ARDEX ENDURA develops products you can trust and rely on. The Company's products like 'Silver Star', 'Gold Star', 'Diamond Star', 'Platinum Star', 'White Star', etc., are market leaders and bench-marked in the Tiling Segment.



ARDEX ENDURA has intelligent solutions to service every possible requirement in the construction industry. Our Central Technical Services (CTS) department in Bangalore caters to the clients by offering professional assessment of the project requirements and providing tailor made solutions. They are available for on-going support at every stage of construction. A winning combination of best products and systems with a first-class training concept.

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 ARDEXacademy has

been created 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.

## Our vision is

“To be one of The World's Leading Solution  
Providers of High performance Specialty  
Building Materials”



**TILE & STONE  
INSTALLATIONS**



**WATERPROOFING  
SYSTEMS**



**FLOORING  
SOLUTIONS**



**CONCRETE REPAIR,  
ANCHORS & GROUTS**



**DECORATIVE  
FINISHES**



## PU & Epoxy Primer



### R 2 CE Solvent free epoxy primer

R 2 CE is a solvent free two component epoxy based primer. It is designed to penetrate deeper into the pores in order to achieve a better mechanical bond of subsequent epoxy coating, epoxy screed and self level epoxy toppings.

#### Feature

- Two component Solvent Free Epoxy Primer
- Provides better adhesion because it penetrates into the concrete substrate for a better bond.
- Suitable for internal use.
- Longer pot life.

#### Storage & Shelf Life

Store in dry conditions. R 2 CE has a storage life of not less than 12 months in the original unopened containers.



### R 3 E Solvent free epoxy primer

R 3 E is a two part solvent free epoxy primer for use with ARDEX ENDURA resinous flooring systems. Blind with Fine Aggregate and use as a primer prior to applying thick applications of the ARDEX ENDURA PU & Epoxy Industrial Floor System.

Where surfaces are very porous, more than one coat of primer may be required to achieve the desired bonding efficiency.

For applications on new concrete or where the relative humidity (RH) of the substrate is in excess of 75%, Suitable temporary moisture barrier should be used.

#### Feature

- Two component solvent free epoxy primer
- Easy to apply
- For internal or external use
- Seals substrates and acts as an adhesive bridge
- For use with ARDEX ENDURA polyurethane & epoxy systems

#### Storage & Shelf Life

R 3 E has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 8 CP Polyurethane tack coat

R 8 CP is a two component 'tack' coat specifically formulated for use with ARDEX ENDURA R 10 CP Coving and Wall Render. R 8 CP provides excellent adhesion and is suitable for use on concrete, brick and blockwork etc. Where surfaces are very porous, the first coat of R 8 CP must be left to cure before applying the subsequent layer. Vertical surfaces must be of a rigid construction to resist deflection during the application process.

#### Feature

- Low VOC
- Easy application by roller or brush

#### Storage & Shelf Life

R 8 CP has a shelf life of 6 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 3 CE Moisture insensitive primer

R 3 CE is a two component, for use with ARDEX ENDURA R 213 CE Epoxy Modified Cementitious Floor Screed and ARDEX ENDURA R 100 CE Heavy Duty Epoxy Floor Screed. R 3 CE provides good penetrating properties for porous substrates like concrete, sand / cement screed etc. normally minimum of two coats is recommended. Where surfaces are very porous, more than two coat of primer may be required to achieve the desired bonding efficiency.

#### Feature

- Good adhesion of epoxy floor toppings & with the cementitious substrate
- Can be applied on damp concrete surface
- Easy to apply
- Seals the substrates

#### Storage & Shelf Life

R 3 CE has a shelf life of 12 months if kept in dry condition between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.





# Epoxy Systems



## R 24 CE Self smoothing epoxy screed

A specialist applied, self-levelling, epoxy 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. Clean rooms, and general light industry are just some of the environments that can benefit from this system.

### Feature

- Hard wearing - durable with low maintenance costs
- 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

### Storage & Shelf Life

R 24 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## R 25 CE Self-smoothing epoxy floor system

A specialist applied, self-smoothing, epoxy 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. Laboratories, clean rooms, and general light industry are just some of the environments that can benefit from this system.

### Feature

- Hard wearing - durable with low maintenance costs
- 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
- Conforms to the overall migration standards laid down in 21 CFR 175-300 of US - FDA certified by CFTRI

### Standard Colours

Available to any standard RAL Card upon request

### Storage & Shelf Life

R 25 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## R 21 CE 1mm thick self-smoothing epoxy floor system

A specialist applied, self-smoothing, epoxy 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. Laboratories, clean rooms, and general light industry are just some of the environments that can benefit from this system.

### Feature

- Hard wearing - durable with low maintenance costs
- 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
- Conforms to the overall migration standards laid down in 21 CFR 175-300 of US - FDA certified by CFTRI

### Standard Colours

Available to any standard RAL Card upon request

### Storage & Shelf Life

R 21 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## R 30 CE Water-based epoxy coating

To provide an easily cleaned surface, with excellent adhesion to concrete and cement / sand screeds. Particularly suitable for floor applications in garages, warehouses, light industry and other areas subject to light vehicle and pedestrian traffic.

### Feature

- Low odour, cost effective floor maintenance coating
- Improves durability of concrete surfaces

### Standard Colours

Available to any standard RAL Card upon request

### Storage & Shelf Life

R 30 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## R 33 CE Epoxy coving render

Specialist applied, Epoxy coving system, combining outstanding wearing properties with high chemical resistance and decorative properties. Ideally suited for aggressive areas where maximum cleanliness is essential. Food processing and storage, abattoir's, drinks production, dairies and general heavy duty plant and traffic areas are just some of the environments that can benefit from this system.

### Feature

- Hard wearing - extremely durable
- Good abrasion resistant with low maintenance costs
- Seamless - easily cleaned to maintain high standards of hygiene
- Easy to apply

### Standard Colours

Available to any standard RAL Card upon request

### Storage & Shelf Life

R 33 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## R 34 CE Solvent free, non-toxic epoxy coating

To provide a tough, hard wearing, easily cleaned waterproofing surface where a degree of higher resistance to chemicals is required. It is suitable for use in water tanks, water treatment works, production and processing areas, dairies, soft drinks and bottling plants, breweries, kitchen and possible chemical spillage.

### Feature

- High performance, hard wearing, durable with low maintenance cost
- It can be used for food storage and potable water application for floor and walls
- Resistance to a range of chemicals and liquids
- Provides a glossy finish
- High abrasion resistance and corrosion resistant
- Suitable for concrete, mild steel substrate

- Easily cleaned
- Conforms to the overall migration standards laid down in 21 CFR 175-300 of US - FDA certified by CFTRI

### Storage & Shelf Life

R 34 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

## Epoxy Systems



### R 35 CE Solvent free high build epoxy coating

To provide a tough, hard wearing, easily cleaned surface in industrial environments where a degree of higher resistance to chemical attack is required. It is suitable for use in workshops, production and processing areas, dairies, soft drinks and bottling plants, breweries & kitchens.

#### Feature

- Hard wearing - durable with low maintenance costs
- Resistant to a wide range of chemicals and liquids
- Easily cleaned
- Provides a high gloss finish
- Conforms to the overall migration standards laid down in 21 CFR 175-300 of US - FDA certified by CFTRI

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 35 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 41 CE Solvent based epoxy coating

R 41 CE provides a hard wearing, easily cleaned surface in industrial environments where a degree of hygiene is required. It is suitable for use in workshops, production and processing areas, dairies, soft drinks and bottling plants, breweries & kitchens.

#### Feature

- Hard wearing - durable with low maintenance costs
- Easily cleaned
- Available in a range of colours
- Provides gloss finish

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 41 CE has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 100 CE Heavy duty epoxy floor screed

A specialist applied, epoxy screed floor finish combining outstanding wearing properties with chemical resistance. Ideally suited in areas where maximum cleanliness is essential. Clean rooms, heavy machinery industry, chemical industries and general light industry are just some of the environments that can benefit from this system.

#### Feature

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

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 100 CE has a shelf life of 12 months if kept in dry condition between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 213 CE Epoxy modified cementitious floor screed

A specialist applied, self-levelling, epoxy modified cementitious floor screed finish combining outstanding wearing properties with chemical resistance. Ideally suited in areas where a seamless, joint free finish is required and maximum cleanliness is essential. Clean rooms, and general light industry are just some of the environments that can benefit from this system. When over coated with ARDEX ENDURA R 25 CE / R 21 CE Self Smoothing Epoxy Floor System, the chemical resistance properties are enhanced. It is also suited for the areas where high hygiene is required.

#### Feature

- Toxic free, solvent free, interiors application
- Excellent resistance to wear & abrasion
- Excellent slip resistance to vehicular & foot traffic
- Suitable with cementitious toppings
- Suitable on damp concrete surface
- Provides combining strength of both cement & epoxy

#### Storage & Shelf Life

R 213 CE has a shelf life of 6 months if kept in dry condition between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 625 CE Antistatic epoxy

R 625 CE is seamless, self-smoothing, solvent free, conductive epoxy flooring system with excellent conductive properties. The cured conductive epoxy flooring exhibits an attractive joint free finish with chemical resistance and decorative properties. Suitable in industries such as Electronic & Telecommunication, Automotive, Pharmaceutical, Aerospace, Operation Theatres, Computer rooms, etc.

#### Feature

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

**Standard Colours:** Available to any standard RAL Card upon request

**Storage & Shelf Life:** R 625 CE store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is 12 months when stored as above.





## Polyurethane Systems



### R 70 CP Medium duty polyurethane screed

Specialist applied, polyurethane resin floor finishes, combining outstanding wearing properties with high chemical resistance and pleasing decorative properties. Ideally suited in aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Factories and general heavy duty plant and traffic areas are just some of the environments that can benefit from the tough chemically resistant system.

#### Feature

- Hard wearing - extremely durable and abrasion resistant with low maintenance costs
- Resistant to a wide range of chemicals and liquids
- Seamless - easily cleaned to maintain high standards of hygiene

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 70 CP has a shelf life of 6 months if kept in a dry store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 90 CP Rake and trowel grade heavy duty polyurethane screed

Specialist applied, polyurethane resin floor finish, combining outstanding wearing properties with high chemical resistance and decorative properties. Ideally suited to aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Food processing and storage, abattoir's, drinks production, dairies and general heavy duty plant and traffic areas are just some of the environments that can benefit from this slip resistant system. R 90 CP has been formulated to give an easily worked system that can be applied quickly and easily by using a pin rake, only requiring finishing with a trowel to give the required finish.

#### Feature

- Easily applied by rake and trowel
- Hard wearing - extremely durable and abrasion resistant with low maintenance cost
- Facilitates rapid application
- Resistant to a wide range of chemicals and liquids
- Independently tested - suitable for use in food and drinks production environments

- Seamless - easily cleaned to maintain high standards of hygiene
- Resistant to thermal shock - at 9 mm thick can withstand steam cleaning regimes

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 90 CP has a shelf life of 6 months if kept in a dry store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 10 CP Polyurethane coving and wall render

Specialist applied, polyurethane resin, wall and coving finish, combining outstanding wearing properties with high chemical resistance and decorative properties. Ideally suited for aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Food processing and storage, abattoir's, drinks production, dairies and general heavy duty plant and traffic areas are just some of the environments that can benefit from this system.

#### Feature

- Hard wearing - extremely durable and abrasion resistant with low maintenance costs
- Resistant to a wide range of chemicals and liquids
- Seamless - easily cleaned to maintain high standards of hygiene
- Resistant to thermal shock - at 9 mm thick can withstand steam cleaning regimes

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 10 CP has a shelf life of 6 months if kept in a dry store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



### R 15 CP Low viscosity repair system and renovation coating for application to polyurethane floors

R 15 CP is a solvent free, low viscosity repair material which may also be used as a coating for application to polyurethane floors, such as ARDEX ENDURA Rake and Trowel Grade Heavy Duty Polyurethane Screed.

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 ARDEX ENDURA R 70 CP or R 90 CP.

#### Feature

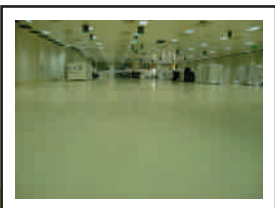
- Hard wearing
- Resistant to a wide range of chemicals and liquids
- Suitable for use in food and drinks production environments
- Seamless - easily cleaned to maintain high standards of hygiene

#### Standard Colours

Available to any standard RAL Card upon request

#### Storage & Shelf Life

R 15 CP has a shelf life of 6 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.



## VALUED CLIENTELE

Agrotech, Gujarat	Havells Limited, Haridwar	Nestle, Punjab
Agrotech, Kanpur	Hi-Lex India Private Limited, Manesar	Nestle, Uttaranchal
Ajanta Pharma, Aurangabad	Hunterdouglas, Bangalore	Panasonic, Haryana
Alkem, Daman	Huntsman, Pune	Pepsi, Bazpur, Uttaranchal
Ashnoor Textiles Mills Limited, Gurgaon	India Steel Pvt. Ltd, Greater Noida	Pepsi, Mahul, Mumbai
Asian Aerosol, Vapi	Johnson & Johnson, Mumbai	Phoenix Solar, Greater Noida
Buchi, Gujarat	JSW, Bellary	Precot, Hassan, Coimbatore
Cipla, Indore	Kusakabe, Chennai	Radikal Foods Limited, Garh Mukteshwar
Complete Surveying Technologies Pvt. Ltd., Noida	L&T, Mumbai	TCS, Nagpur
Emvee Solar, Bangalore	Livya Polymers, Trichi	Voltamp, Gujarat
	Medreich Streilab, Bangalore	Yamaha Motors Pvt Ltd, Greater Noida



**ARDEX ENDURA (INDIA) PRIVATE LIMITED**

an **ISO 9001:2008** certified company

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