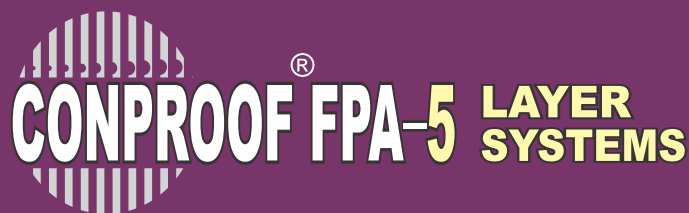




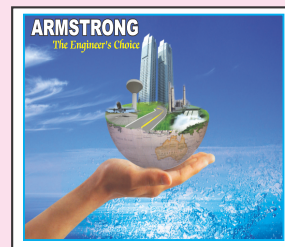
ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 Certified Company



(High Performance, Fibre reinforced, Crystalline Polyurethane based,
High Abrasion Resistance Elastomeric Waterproof Coatings)

DESCRIPTION OF THE PRODUCT :

CONPROOF FPA 5 LAYER SYSTEMS - High Performance, Fibre reinforced, Crystalline Polyurethane based High Abrasion Resistance Elastomeric Waterproof Coating. It is highly durable, flexible and has a high level of waterproofing, crack resistant coating. Excellent resistant to U.V. Rays, frost etc., The most advanced technic of fiber reinforcement provides higher tensile strength and crack resistance, and crystalline systems penetrates and diffuse into the concrete for a long time, it also reacts with cement material and fill up the airline cracks inside the concrete with multi fluid crystals, a result of chemicals reaction. It penetrates deep into the concrete to Breath, strengthen the concrete by sealing of cracks and Cavities by forming crystallization and make the porous concrete into a sound substrate from its gross roots. Polyurethane, Acrylic blended fiber reinforced cementitious coatings, highly durable and provides excellent trusted waterproofing.



ADVANTAGES :

In the System first layer Single component system of high power, high bond penetrative crystalline coatings, penetrate and stabilize the substrate of the flooring even disturbed and provides the best possible strength and makes the porous concrete into the sound substrate and avoids the formation of cracks with support the second layer of AFM 40/50 mesh. Application of the third layer two component system of Polyurethane based is a fibre reinforced High Abrasion Resistance elastomeric, flexible waterproof coating provides crack resistance and water resistance. Application of 4th & 5th layer two component system is the Polyurethane Acrylic blended cementitious crystalline elastomeric, UV resistant waterproof coating with advanced latest technology. Provides outstanding durability, and protection against water and excellent barrier against carbon dioxide, water, sulphates and chloride ions and also highly breathable film formation. It is an easy to apply system and non-toxic, Anti fungal. Recommended for even Pedestrian traffic floor areas.

TECHNICAL DATA

1. No. of layers	Four Layers + Fiber Mesh
2. Mixing ratio of each layer recommended to use as acrylic penetrative crystalline fibre reinforced elastomeric waterproofing surface coating system.	★ Layer 1st : Mix 1 Kg. with required water to paint like consistency ★ Layer 3rd, 4th & 5th Part 1 - 1 kg. and Part 2 - 2 kgs. add required water to get paint like consistency.
3. Coverage	1 kg. per 1 Sq.mtr. for each coat
4. Pot life at 27 plus or minus 2 centigrade	40 to 60 Minutes
5. Number of coats	Three (3)
6. Tack free time / Hardening time	2 Hours / 7 Days
7. Tensile strength	Minimum 7 Kg / cm ²
8. Elasticity / UV Resistancy	Excellent
10. Permeability to water, %	Complies with I. S. requirements
of neat mortar (as per I. S. 2645 tests carried out)	50 Max Yes
Test Value	9.8

RECOMMENDED FOR :

★ **AS A UNDER COAT** before laying the screed/mortar which are under repair / under construction of Concrete Terrace / Masonary Flooring ★ Swimming pools, ★ Reservoirs ★ Water tanks ★ Bathrooms ★ Toilets, ★ Water retained structures.

★ **AS A TOP COAT** also recommended after laying of the screed / mortar wherever leakages taking place and surface flooring was not de-bonded

APPLICATION GUIDELINES :

Surface Preparation : Remove all the loose particles. Just widen the cracks 3-4 mm with cutting machine cleaning of the dust and wash the surface with water.

NOTE : ★ If the cracks found on the open to sky terrace, recommended to seal with ROOFEXSEAL PU Polyurethane sealant (Formerly Known as Roofseal PU).

★ If the cracks found in the swimming pools, reservoirs, bathrooms, toilets and any water retained structures, seal the cracks with Conproof FPA 1st Layer system single component powder mixing with required water by preparing it as like a paste.

★ Take high power high bond penetrative crystalline Single Component coating **Conproof FPA 1st layer** and mix with required water, and apply as a slurry coat directly on the cleaned surface at an average coverage of 1 Sq. mtr. per kg. to penetrate in to the cracks and disturbed surface of the floor to stabilize the floor area.

★ On wet condition of the applied slurry coat place AFM40/50 mesh properly as a **2nd layer** with overlapping of the mat 5-10 cm. And allow the treatment for drying.

★ Take high power high bond Polyurethane based fibre reinforced Two Component coating **Conproof FPA 3rd layer** Part 1 - 1 Kg. with Part 2 - 2kgs. and mix with required water, and apply as a third coat directly on the cleaned surface at an average coverage of 1 Sq. mtr. per kg. to resist the formation of cracks and provides excellent waterproofing.

★ Over that 3rd coat after drying, take high power high bond Polyurethane based crystalline Two Component coating **Conproof FPA 4th layer** Part 1 - 1 Kg. with Part 2 - 2kgs. and mix with required water, and apply Fourth Layer as a final coat directly on the cleaned surface at an average coverage of 1 Sq. mtr. per kg. to provide excellent highly durable waterproofing with UV resistant.

★ Over that 4th coat after drying, take high power high bond Polyurethane based crystalline Two Component coating **Conproof FPA 5th layer** Part 1 - 1 Kg. with Part 2 - 2kgs. and mix with required water, and apply 5th Layer as a final coat directly on the cleaned surface at an average coverage of 1 Sq.mtr. per kg. to provide excellent highly durable waterproofing with UV resistant.

PACKING : Conproof FPA Part-1 : 5, 10 & 20 kgs.
Conproof FPA Part-2 : 10, 20 & 40 kgs.

SHELF LIFE : 1 Year from the date of Mfg.

STORAGE : Store in dry condition.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



Manufacturers :

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Authorised Distributor / Stockist

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