



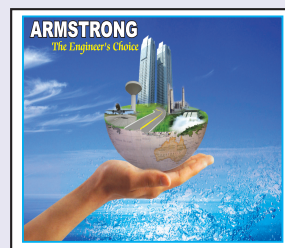
ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 : 2015 Certified Company



(High strength, Heat resistant Fibre reinforced acrylic elastomeric and liquid waterproof membrane Coating)

DESCRIPTION OF THE PRODUCT :

RAINSEAL HFC-5 LAYER SYSTEMS - High strength, Heat resistant Fibre reinforced acrylic elastomeric and liquid waterproof membrane Coating. It is highly durable, flexible and has a high level of waterproofing, crack resistant and heat resistant liquid membrane coating. Excellent resistant to U.V. Rays, frost etc., The most advanced technic of fiber reinforcement provides higher tensile strength and crack resistance.



ADVANTAGES PROVIDE BY THE SYSTEMS :

In the System **ROOFBOND BCS PRIME 501** and **ROOFBOND BCS** are high power, high bond acrylic penetrative coatings penetrate and stabilize the substrate of the disturbed flooring and provides the best possible strength, and avoids the formation of cracks with support of AFM 40/50 mesh. Application of **RAINSEAL FRC** is a fibre reinforced elastomeric, flexible waterproof membrane coating provides crack resistance and water resistance and also heat resistance. Later as a top layer **ROOFCARE COOL** or **ROOFCARE COOL PLUS** as required at site, reduces to temperature upto 8-10°C, being its an insulated advanced latest technology high range polymer. Provides outstanding durability, aesthetic appeal 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. White colour is recommended. Light & dark colours also available.

TECHNICAL PROPERTIES :

Appearance	White (if required other shades also)
Density	1.35 Gm /cc
Solid Content	68% + 2% by weight
Elongation at break ASTM D 638	200%
Touch Dry	1½ Hr. - 2 Hrs. at 25° C
Re-coatable	6-8 Hrs at 25°C
Full Cure	7 days
Water Penetration DIN 1048	No leak at 7 bars
Tear Resistance ASTM D 1004-76	>17 N/mm ²



Tensile strength ASTM D 412-87	6.0 N/mm ²
Application Temperature	upto 50°C
Dry Film Thickness	1550 to 1750 microns
Adhesion to substrate ASTM D 4541	>1.5 N/mm ²
Full cure	5 to 7 days

RECOMMENDED FOR :

- ★ Roofs ★ Pre-cast terrace slab floorings like Power houses, Industrial floorings etc...
- ★ Concrete Flooring ★ Masonry flooring ★ Metal ★ Asbestos

APPLICATION GUIDELINES :

Surface Preparation : Remove all the loose particles. Just widen the cracks more than 1mm with cutting machine. Cleaning of the dust and wash the surface with water.

- ★ Take 2 ltrs. of ROOFBOND BCS a high power high bond acrylic penetrative coating and mix with 1 Ltr. of water and 3 Kgs. of Cement. And apply as a slurry coat directly on the cleaned surface at an average coverage of 6 Sq. Mtr. per Ltr. to penetrate in to the cracks and disturbed surface of the floor to stabilize the floor area. Roofbond BCS prime 501 also can be used primer coat for the same requirement.
- ★ On wet condition of the applied slurry coat place AFM40/50 mesh properly with overlapping of the mat 5-10 cm. And allow the treatment for drying 4 Hrs.
- ★ Apply ROOFBOND BCS Systems over the AFM 40/50 mesh at an average coverage of 3.5 to 4 Sq.Mtrs. per Ltr. and allow it to dry for 5-6 Hrs.
- ★ Over that a coat RAINSEAL / RAINSEAL FRC has to be applied in one or two coats as required with brush @ 500ml. per Sq.Mtr., and allow the treatment to dry for 4 Hrs. each coat.
- ★ As a top Final Coat ROOFCARE COOL or ROOFCARE COOL PLUS as required, has to be applied with brush @ 500ml. per Sq.Mtr., and allow the treatment to dry for 4 Hrs. No curing is required. Pedestrian traffic can be allowed after 5 days.

Most of the cases RAINSEAL HFC 5 LAYER System as per the sites ARMSTRONG recommends ROOFBOND BCS as a Primer coat, laying of Fibre mesh / Geo Fabric and on the wet condition, another coat of ROOFBOND BCS, after that ARMSTRONG recommends RAINSEAL FRC one coat and finally as a top coat ARMSTRONG recommends ROOFCARE COOL for the best results.

PACKING : 5, 10 & 20 Ltrs.

SHELF LIFE : 2 Years from the date of Mfg.

STORAGE : Store in dry conditions in the original containers.

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 :
ARMSTRONG CHEMICALS PVT. LTD.

An ISO 9001 : 2015 Certified Company



36/1, G-5, New International Airport Road, Ganga Nagar, BENGALURU - 560 032.

E-mail : armstrongchemicals@gmail.com; Web : www.armstrongchemicals.in

Please Contact for Customer Care Information : **08095621122** Toll Free No. **1800 103 2034**

Authorised Distributor / Stockist

ARMSTRONG CHEMICALS
TRUSTED AND ACCLAIMED FOR ITS
MULTIPLE ACTION PERFORMANCE

