



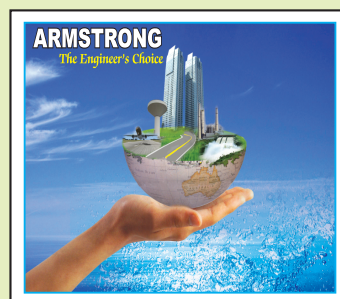
ARMSTRONG CHEMICALS
PVT. LTD., Bengaluru
An ISO 9001 : 2008 Certified Company



High Performance Polyurethane
Blended with Bituminous Membrane Coating
(Complies with ASTM C-836)

DESCRIPTION OF THE PRODUCT

ROOFCARE PU is a high performance polyurethane blended with bituminous membrane coating system for wide range application surfaces includes concrete, steel chemical treatment floors like a epoxies etc., The water base material to applied as high solid, cold applied elastomeric liquid membrane coating in unique formulation of single component for user friendly ready to use compound based on Polyurethane blended with bituminous emulsion. Roofcare PU complies with ASTM C-836 standards.

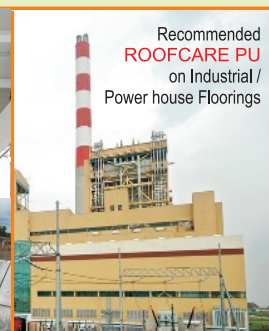


ADVANTAGES

- Eco friendly easy to apply material of non-toxic nature.
 - High performance elastomeric membrane based on water based high graded emulsions.
 - High flexibility high breathability of the coating gives puncture resistance at wider temperature range.
 - Excellent adhesion properties with the applied various kinds of surface like Cement, Steel, Wood , Tile adhesives etc.,
 - High strength, Elastomeric seamless liquid membrane formation for water vapour barrier.
 - Excellent Corrosion / Chemical & UV resistant
- Water base ready to use material ideal to applied in moist surfaces and dry applications.

CHARACTERISTICS

S.No.	Chemical/Fully cured Coating	PROPERTIES	S.No.	Chemical/Fully cured Coating	PROPERTIES
1	Appearance	Viscours emulsion dries to black coating	7	Instant Hardness (Shore A) (ASTM D412)	50 - 80 Minutes
2	Drying time	40-50 minutes for each coat depending on climate	8	Water Absorption	0.3% – 0.5%
3	Ph	Alkaline	9	Elongation (ASTM D412)	> 620%
4	Specific Gravity @ 30°C	1.3 ± 0.02	10	Elastic Recovery @ 200% elongation (ASTM D412)	95%
5	Temperature Resistant	-5°C to + 85°C	11	UV Resistance	Good
6	Theoretical Coverage @ 1.2mm DFT	2.20 Kg / m2	12	Extensibility after heat aging (minute requirement extended to 6.5 mm without cracking)	No cracking No tearing



PRIMARY USES

ROOFCARE PU Ideal for a wide range of water / vapour proofing applications such as foundations, basements, tunnels, ground floors, suspended floors, car decks, roof terraces, pre-cast industrial floorings / terraces of power houses, turbine houses, factories, swimming pools, roof gardening, balconies, bathrooms, patios, bridges, precincts, inspection pits, water retaining structures (not potable water), sewage works, and inverted roofs.

APPLICATION INSTRUCTIONS :

ROOFCARE PU can be applied on top of a variety of different substrates and surfaces.

All the surfaces should be clean, dry and free from dust and other loose materials. The foreign particles should be removed by grit blasting or jet water or dry air cleaning.

PRIMING : The cleaned surface shall be applied with primer coat at @ 1:1 mixture of ROOFCARE PU and water. The priming coat shall be completely dry before applying top coat. In general typical time gap of 4 Hrs at 20°C shall be maintained for further coatings.

TOP COAT : The application should be carry out by brush, trowel or airless spray @ 0.75 to 1 Kg Per Sq. Mtr. / coat. For protection against the mechanical damages the coating shall be sand witted with polyester non woven 40 to 80 gsm glass fibre / GEO Textile over the first coat application with 50mm overlap on both directions. Apply second coat of ROOFCARE PU @ 0.75 to 1 Kg / Sq. Mtr. If the condition of the site requires, recommended the 3rd coat of ROOFCARE PU.

On vertical surfaces two coats should be applied at right angles to one another and quantities per coat should be gaged to give the specified final film thickness.

HEALTH & SAFETY

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.

PACKING

Available in 5, 20, 30 and 225 Kgs.

STORAGE

Store in cool dry place under shed away from heat.

SHELF LIFE

One year in original unopened sealed conditions

ARMSTRONG products are tested, approved and extensively used in the works of CPWD., State PWDs', Irrigation, Housing Boards, Thermal / Hydel Power Projects, Steel Projects, Road Projects, Water works Projects, MES, Railways & Scores of important projects Internationally.

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.

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Authorised Distributor / Stockist

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