



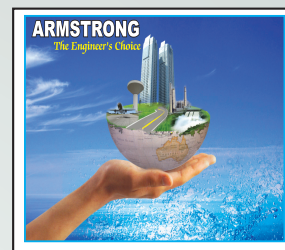
ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 : 2008 Certified Company



High performance crystalline systems

DESCRIPTION OF THE PRODUCT :

ROOFEX crystalline compound with a features of which the applied ingredients penetrate 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 multiplied crystals a result of chemical reaction. It penetrates deep into the concrete to breathe. 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. Ideal to apply with brush / spray to surface for negative pressure of water including water retaining structures, effluent treatment plants & sewage plants.



ROOFEX must be uniformly applied under the conditions and quantities specified. When a second coat is required, it should be applied after the first coat has reached an initial set by is still "green" (less than 48 hrs). Light pre-wetting between coats may be required

CURING :

Should be protected against evaporation by sun and wind. Careful fog / must spraying of water should be under taken to keep the surface damp. Alternatively the surface once firm can be covered with plastic sheets, we hessian or midst sand. Curing compounds are not recommended. Fresh surfaces should be protected from rain for 24 Hrs and frost for 5 days. It deep pits and enclosed areas sir circulation should be provided for 24 Hours following treatment.

Moisture cure ROOFEX treated surface 3-4 times per day for a period of 2-3 days starting with fine water fog spraying the day following the completion of ROOFEX applications. Back fill materials can be placed on ROOFEX after moisture curing has been completed no protection boards are required.

OVERCOATING :

All ROOFEX treated surfaces to receive epoxy coating or to be painted must be neutralized with a solution of ROOFEX cleaner. The ROOFEX application has to be aged for a minimum period of two weeks before application of epoxy.

WATER RETAINING STRUCTURE :

For concrete structures that hold liquids (Reservoirs / Tanks etc.,) ROOFEX should be cured for three days and then allowed to set for 12 days before filling with liquid. Allow at least 48 hours before foot traffic. For ROOFEX to fully activate may require 2-4 weeks after application.

FINISH :

ROOFEX: is not a decorative finish. Discolourations of the treated surfaces may occur. This may be as a result of chemical reactions between - ROOFEX and the concrete or water.

These discolourations do not reduce in anyway the waterproofing effect

CONSUMPTION RATES :

Use as singe on above or below grade concrete, or as the first of a two coat application wherever two coats are required. Also use as dry-Pac for sealing strips (fillets) at construction joints and honeycombing and as dry shake on fresh concrete or on lean concrete under slabs. As a general rule. It may be taken that for a two -coat slurry application, the rate of use of ROOFEX should be between 0.5 Kg and 0.75 per Sqm per coat. As a minimum one coat may be applied at 1 Kg / m².

Dry Shake Method : 1.6 Kg/M² before final trowelling work backfilled concrete surface, internal walls and water.

Retaining Structures : 2 coats applied at 0.75 Kg / m² per coat by brush or spray or 1 coat at 1 Kg / m².

Back filled Concrete surfaces with Hydrostatic Pressure : 2 coats of 0.75-1 Kg / m² / coat. Keep moist for 3-4 days after applications. If high hydrostatic pressure is anticipated consult cormix.

Construction joints : 1.5 Kg/m² applied in slurry coat or dry powder consistency just before pouring concrete.

Blinding concrete : 1.2 Kg / m² applied in slurry coat or dry powder consistency just before placing overlying concrete slab.

Concrete Slab : Dry shake method as above or apply in one slurry coat of 1 Kg / m²

ROOFEX must be cured as per the instructions

- It is not a decorative coating
- Do not immerse in water retaining structures until 15 days old
- Allow at least 48 hours to cure before subjecting to foot traffic
- Protect against drying out.
- To fully activate the material may require 2-4 weeks.
- If high hydrostatic pressure is anticipated consult cormix.

PACKING : 1, 5 & 25 Kgs.

STORAGE : Store in dry conditions out of sun.

SHELF LIFE : 1 Year from the date of manufacturing.
Store in the conditions out of sun.

HEALTHY & SAFETY :

Is alkaline, use protective gloves, glasses and protect skin, if gets into eyes clean out with water immediately, wash off skin with soap and water immediately.

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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