

TECHNICAL DATA

DRY CEM HF

HIGHLY FLEXIBLE WATERPROOFING MEMBRANE

A two part acrylic polymer modified flexible cementitious waterproof membrane supplied in kits ready to use for the protection of concrete and mortar. It provides excellent adhesion, flexibility, crack bridging ability and durability.

USES & ADVANTAGES

DRY CEM HF is suitable for many waterproofing applications including for sealing swimming pools, balconies, bathrooms, wet areas, basements and as a low cost roof waterproofing system in damp conditions where other system in damp conditions where other systems cannot be used.

In roofing application DRY ROOF acrylic roof coating may be applied over DRY CEM HF to provide an aesthetically pleasing appearance.

Advantages include:

- Crack bridging & sealing.
- Non toxic
- Excellent adhesion
- Protection against carbonation and chlorides.
- Unlike conventional coatings that require the concrete to cure for 7-28 days it can be applied to 24 hour old concrete.
- Excellent elongation and flexibility.
- Increased frost & salt resistance
- Easy to apply.
- Minimum surface preparation needed.
- Excellent for damp-proofing basements below ground.
- Breathable – allows transmission of water vapour from interior of building
- Over bridging of hairline cracks.

PROPERTIES

APPEARANCE	GREY AND SPECIAL COLOURS ON REQUEST
DENSITY	A+B(mixed)APPROX. 1KG/M ² /COAT
COVERAGE	APPROX. 1KG/M ² /COAT
MIXING RATIO	A:B=4:5 BY WEIGHT
POLYMER CHARACTERISATION	POLYCRYLATE SYRENE
TENSILE STRENGTH	1.5N/MM ²
DRYING TIME	2 HOURS DEPND S TEMP.
FLEXIBILITY	HIGH



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SURFACE PREPARATION

The substrate should be clean and sound, free of dust, loose particles, grease, oil, primers from previous membrane systems or bitumen.

MIXING

DRY CEM HF is supplied in premeasured units. Slowly add the powder to the liquid and mix to a lump free smooth consistency. Do not add water or rework a stiffened mix by adding water. Mix sufficient material to use within 30-40 minutes.

APPLICATION

Saturate the concrete surface with clean water. Apply the first coat while the surface is still damp but no free standing water. Apply using a short stiff bristle brush, roller. The required thickness is achieved by applying two coats at 1mm thickness per coat. Leave the first coating to dry for 2-3 hrs before applying the second coat. Let the second coat to get cured fully (approx. Min. 8 hrs) before proceeding the water test.

Exposed surface must be protected against direct UV radiation. This can be done with a layer of screed, DRY ROOF or laying of thermal insulation sheets. For more application advice, contact ORGANIX technical service dept.

CURING

DRY CEM HF should be protected from intense sunshine. Keep moist for 4 days after the application. Protect from rain until fully hardened.

PACKING

18kg set (10KG powder + 8 Liter Liquid)

STORAGE AND SHELF LIFE

Non Toxic but is alkaline in nature. When applying, gloves and goggles should be worn. Wash off splashes to skin with water. Non Flammable.

