PRO-COAT
GRP

REPAIR -RENOVATE - OVERLAY GRP (FIBREGLASS)

PRO-COAT is a waterproofing and highly flexible flat roof system based on polyurethanic acrylic resins and pigments, with full overlay capabilities on GRP and an option of combining fibreglass reinforcement within the system it provides a durable, completely bonded membrane that has no joints or overlaps.
PRO-COAT requires no additives and no primers when applied to GRP, it is self –coloured, UV resistant and applied in one easy application.
Suitable for use on any size roof, flat, low-pitched or steep.

PREPARATION

- Mechanically abrade (sand) off any loose or flaking GRP topcoat.
- Aged-weathered topcoat in sound condition will not require abrading.
- Clean all roof surfaces, and wipe over with acetone.

APPLYING PRO-COAT

OPTION 1

- If any splits or cracks are present in the surface, repair them with PRO fibreglass bandage between coats of PRO-COAT and allow to dry.
- Use a long pile roller or brush and apply a coating of PRO-COAT at the rate of 0.750 kg/m² and allow to cure.
- Apply to the cured membrane a second coat of PRO-COAT at the rate of 0.750 kg /m².

OPTION 2- With PRO mat reinforcement

- Use a long-piled roller or brush.
  Carry out the application to detailing work first i.e. trims, pipes up-stands etc.
  Apply a generous coat of PRO-COAT to the surface, (0.750 kg/m²) lay your matting into the product and without adding further product to the roller, dry roll the mat to ensure it is fully impregnated, and without trapped air or dry spots.
  Matting needs to be overlapped by a minimum 50mm on all joints, over trims or change of material.
- For a “wet on wet” process carry out the first application as previously described, then immediately apply a second coat of PRO-COAT at the rate of 0.750 kg/m²
  For the one plus one process allow the first application to dry before adding a second coat of PRO-COAT only.
- On roofs or gutters where long term standing water will be present apply PROTOP- T to the finished membrane.
- Only apply in dry conditions onto dry surfaces, when rain is not expected before the product cures.
- The curing -tack free period at 15°C and above and in clear conditions will be approximately 1-2 hours and 2-4 hours at temperatures of 5-14°C.
  These curing periods may vary dependent on climate conditions.

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PROPERTIES	VALUES
Density ISO 1675	1,40 ± 0,05 g/cm³
Viscosity ISO 2555	27.000 ~ 31.000 cps
Solid contents	±65%
VOC(volatile organic compounds)	0
Elongation ISO 527-3	>250%
Tensile strength ISO 527-3	>0,70 MPa
Tack free time	2~4 hours
Temperature resistance service	-20~90°C
Application temperature	5~45°C
Aspect	Thixotropic and coloured liquid

NOTE: Results were performed in the laboratory at 23°C and 50% RH, under controllable conditions. These values may vary depending on the application, climatology, or substrate condition.

HANDLING AND SAFETY

These safety recommendations for handling, are necessary for the implementation process as well before and after installation .

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Waste: Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

Always, consult the material and safety data sheet of the product (MSDS)