

EcoGrey® PFG & EcoWhite® PFW

Formerly known as Plaster Finish (PF)
Polymer Modified Cement-Based Finish Coat



022 - 061
ECO-FRIENDLY BUILDING MATERIAL



DESCRIPTION

EcoGrey® PFG & EcoWhite® PFW is a high quality polymer modified water-resistant cement-based finish coat specially formulated for direct application onto **EcoGrey® FMBG & EcoWhite® FMBW** and **EcoGrey® CMB**, plastered surfaces or simply onto concrete surface for fine levelling and smoothing works. **EcoGrey® PFG & EcoWhite® PFW** is not recommended to be applied onto painted surfaces and all cured smoothed cement-based finish surface and is suitable for **internal** applications only.

TECHNICAL SPECIFICATION

- Appearance : Grey and White
- Adhesion to concrete (28 days) : Approx. 0.70 N/mm² (lab condition)
- Pot life : Approx. 1 -1½ hours
- Coverage : Approx. 1.2 kg/m²/mm
- Recommended thickness : 1-2mm / build-up / application
- Binder : Cement
- Filler : Calcium Carbonate Powder
- Additives : Water soluble polymers
- Properties : Improved consistency, workability, water retention & adhesion
- Standards in compliance : ASTM D4541 : 1995 (Bond strength)
BS EN 1015-11 : 1999 (Flexural & compressive strength)
BS 4551 : Part 1 : 1998 (Compressive strength)

SURFACE PREPARATION

Remove all loose materials or traces of foreign materials and ensure surface cleaned, free of dust and dirt. It is recommended to damp the substrate surface if necessary prior to the application of **EcoGrey® PFG & EcoWhite® PFW**.

MIXING

Mix thoroughly a bag of 25kg **EcoGrey® PFG & EcoWhite® PFW** with approximately 10.0 - 10.5 litres of clean water by using an electric power mixer for 3 to 5 minutes until the homogeneous paste is achieved. Re-mix the material before re-use if the material is left undisturbed for more than 30 minutes.

APPLICATION

Apply **EcoGrey® PFG & EcoWhite® PFW** onto the base substrate with a steel trowel to fine level and smoothen with an average thickness of 1 to 2mm. Level the wet texture first and continue to trowel while allowing it to gain partial curing until the desired smooth finish is achieved, thus eliminating trowel marks and powderiness. It is recommended to apply a minimum of 2 coats to achieve the desired smooth finishing.

PACKING AND STORAGE

- Packing : 25kg / bag
- Shelf life : 6 months
- Storage : Keep in cool dry condition

PRECAUTIONS

- Temperature range for use 10°C - 40°C
- Clean tools with water before the product dries
- Do not apply to extremely absorbent substrate without prior pre-wetting. In hot conditions, protect the finish surface from drying out rapidly by lightly misting to prevent powderiness.
- Do not mix the product with OPC / White cement / lime
- Mechanical or manual sanding with any sand paper are strictly prohibited. Sanding will loosen the cohesion and thereby causes powderiness.
- **It is a utmost compulsory not to exceed the recommended thickness / build up and at minimum 2 coats and leave for initial setting before applying the subsequent coat.**
- Do not apply when there is vigorous hacking activities in the vicinity of the application area.