

POLYGLOW

Solvent based bituminous protective coating

POLYGLOW is a solvent based black bituminous coating to be used as a protective coating for concrete and steel surfaces. It is also used as a curing compound for freshly laid concrete surfaces.

TDS_Polyglow_0713

CHARACTERISTICS

- ▶ Cold Applied
- ▶ Versatile.
- ▶ Excellent barrier against Chloride ion ingress and Carbon Dioxide diffusion.
- ▶ Dual purpose of curing and protection.
- ▶ Economical & Easy to apply.
- ▶ Excellent Chemical resistance

plasterboard panels, stone and other permeable facing panels, one litre will cover approximately 4–6 m² per coat.

Curing Compound:

Immediately after the removal of shutters from the freshly laid concrete, apply POLYGLOW as the curing compound on the concrete surface by brush, roller or airless spray @5 m²/lt. However, prior to the application of the curing compound all traces of shuttering oil must be removed.

If required apply a second coat at the same coverage rate and only after the first coat has dried completely. This will increase the curing efficiency of the compound in areas of high drying winds.

1 FIELDS OF APPLICATION

- ▶ Waterproofing & damp proofing of below ground block work, concrete structures prior to back filling.
- ▶ Prevention of rising dampness through solid concrete structures.
- ▶ Curing compound for freshly laid concrete surfaces.
- ▶ Painting of weathered asbestos cement panels, plasterboard panels, concrete, stone, permeable facing Panels & steel surfaces.
- ▶ Waterproofing of bathroom and shower room floors in villas and apartments. Protective coating for steel surfaces (Anti-corrosive Paint).

STANDARDS

ASTM C 309 Type 1 Class B, BS 3416

STORAGE & SHELF LIFE

Store under cover, out of direct sunlight and protect from extreme temperatures. Shelf life upto 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

APPLICATION INSTRUCTIONS

Protective Coating:

Prepare the substrate using a stiff broom to remove all dust and laitance. The base concrete should not be green and the surface dry before treatment. When applied to block or brick work, the mortar must be cured and dry before the application of Polyglow. Apply two coats of Polyglow by brush, allowing an interval of 24 hours between coatings.

Coverage is dependent on the surface texture and the porosity. As a damproofing membrane for solid concrete floors: one litre will cover approximately 2-3m² per coat. As a treatment to below ground external masonry prior to back filling, one litre will cover approximately 2-4m² per coat. For black painting of weathered asbestos cement panels–

HEALTH & SAFETY

As with all bitumen products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting. Call for medial assistance immediately. Ensure that the container is available for medial attendant to examine any relevant instructions and contents details.

SUPPLY

POLYGLOW

20 Lt pail & 200 Lt drum

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Density, [g/cc]	0.85-0.88	ASTM D 1475
Drying Time, [Hrs]	2	-
Water Content, [%]	0.5 (max)	ASTM D 95
Toxicity	Non toxic	BS 3416

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Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

Manufactured in G.C.C.

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