

POLYPRIME SB

Solvent based bitumen primer

TDS_Polyprime-SB_GCC_1011

POLYPRIME SB is a quick drying solvent based low viscosity bitumen primer. It is used as a primer coat on masonry and concrete substrates to improve the adhesion of bitumen based membranes and coatings. **POLYPRIME SB** is low in viscosity, which allows it to penetrate into the concrete pores and improve the adhesion between the membrane and the concrete surface. In addition to that, the primer also acts as a binder for the dust particles which gets accumulated on the concrete surface even after cleaning.

CHARACTERISTICS

- ▶ Improves the adhesion between bitumen based sheet membranes and coatings
- ▶ Cold applied, does not require heating
- ▶ Binder for dust particles
- ▶ As a curing compound on freshly cast concrete.
- ▶ Anti corrosive
- ▶ Conforms to the following standards
- ▶ ASTM D 41 - Asphalt primer for roofing, damp proofing and waterproofing
- ▶ BS 3416, Type A Class C - Bitumen based coatings for cold application, suitable for use in contact with potable water

FIELDS OF APPLICATION

POLYPRIME SB is used as a primer and sealer coat prior to the application of bitumen based waterproofing membranes and coatings. This can also be used as a curing compound on freshly cast concrete.

APPLICATION INSTRUCTIONS

The application temperature should be between 4°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the primer is as follows:

Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections, nail head protrusions, structurally unsound and friable concrete shall be removed and repaired with a suit-able **POLYCRETE*** concrete repair mortar. The surface must be dry before priming with **POLYPRIME SB**.

Application

Mix the contents of the pail or drum for a few minutes to remove any sediments. Apply the primer @4-6 m²/lt. to a clean smooth and dry surface by brush/roller. Allow the primer to dry prior to the application of the membrane. For highly porous surfaces application of a second coat is recommended.

COVERAGE

The coverage is 4-6 m²/lt./coat. However, the coverage will depend on the porosity of the substrate. In order to ascertain the exact coverage, a trial application is carried out at site.

STORAGE & SHELF LIFE

The pails and drums must be stored in a covered, dry and shaded area, away from direct sunlight, UV and other sources of heat and protected from extreme temperatures. The shelf life of the product is up to 12 months if stored as per the recommendations. Excessive exposure to sunlight and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

POLYPRIME SB contains volatile solvent with a low flash point (38°C). It should be kept far away from naked flame. Avoid inhalation of vapors and ensure there is adequate ventilation in the work place. Gloves, protective masks and goggles should be worn during application. If swallowed seek medical attention immediately.

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Density, [g/cc]	0.85-0.88	ASTM D 1475
Solid content, [% by wt]	40±2	ASTM D 1644

All values given are subject to 5-10% variation

SUPPLY

POLYPRIME SB 20 lt pail & 200 lt drum

POLYCRETE 25 kg bag

* Refer to website for TDS

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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