

Polyprime AC

Acrylic modified primer

CHARACTERISTICS

- ▶ Excellent penetration & water repellent properties.
- ▶ Protection against discoloration and pollution.
- ▶ No effect on water vapour permeability.
- ▶ Compatible with solvent based surface coatings.
- ▶ Prevent ingress of water borne chlorides and sulphates.
- ▶ Single component, no mixing, cost effective & easy to use



DESCRIPTION

Polyprime AC is a solvent based silanesiloxane modified acrylic penetrating primer which impregnates the host substrate to form a hydrophobic barrier which cures with the influence of atmospheric humidity and present to form a hydrophobic lining.

FIELDS OF APPLICATION

- Protective impregnating treatment
- Protection for concrete
- Stones, bricks and masonry structures for reduction of efflorescence.

APPLICATION INSTRUCTIONS

Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable Polycrete concrete repair mortar. The application temperature should be between 5°C to 55°C. Slightly damp substrates can be treated. Surfaces should be dry with no wet spots.

Application

Thoroughly mix the contents of the container so that there is no settlement due to storage. Do not dilute with water or solvents. The primer can be applied by spray, brush or roller. For dry and porous surfaces apply a second coat. On vertical surfaces it should be flooded on starting at



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the bottom, working steadily upwards. When used as a protective impregnation a minimum of two application is recommended "wet-on-wet" with immediate application of second.

COVERAGE

10-12 m²/L/coat.

CLEANING

Clean all tools with Polysolvent immediately after use. Hardened materials can be removed mechanically only.

STORAGE & SHELF LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air conditioned rooms. The shelf life is up to 12 months in un-opened conditions and if stored as per recommendations. Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

Highly flammable liquid. Do not apply near smoke or naked flame. In case of fire, extinguish with carbon dioxide, dry chemical or foam fire extinguisher. Due to the presence

of solvents, ensure adequate ventilation is provided in the workplace. As with all chemical products, cautions 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 products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and content details.

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 at laboratory conditions 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.

DISPOSAL

All disposal practices must be in compliance with all local laws and regulations.

TECHNICAL SPECIFICATION

| PROPERTIES | VALUES |
|------------------------|------------------------|
| Appearance | Viscous clear liquid |
| Density, [g/cc] | 1.2±0.05 |
| over coat time [min] | Wet on wet application |
| Solid content [%] | 56 |
| Application temp, [°C] | 5 to 45 |

All values given are subject to 5-10% tolerance