

Polyprime R

Epoxy resin based primer

For damp and rusted substrates



CHARACTERISTICS

- ▶ Excellent adhesion on damp and rusted substrates
- ▶ Easy to apply by brush, roller or spray



DESCRIPTION

Polyprime R is a two component solvent free epoxy resin based primer system designed for applications in areas which are damp and rusted. The primer is required to be used in conjunction with modified epoxy polysulphide coating systems which will be applied on damp or rusted surfaces.

FIELDS OF APPLICATION

Used as primer for:

- polysulphide modified epoxy resin based floor and wall coatings.

APPLICATION INSTRUCTIONS

Surface preparation

Surface preparation plays a vital role in determining the durability of any coating. Therefore proper care should be taken while executing it. The surface should be free from dust, dirt, curing compound, oil etc. Clean the surface thoroughly to remove all loosely adhering particles and cement laitance by captive shot blasting. Surface cracks and pot holes shall be repaired with a suitable repair mortar.

Mixing

Mix part a and part b separately for 1 minute using a drill fitted with mixing paddle. Then transfer part b into part a and mix thoroughly for 1-2 minutes to achieve a uniform consistency.

Application

Polyprime R application can start immediately after the repair system achieves its initial cure. Apply the mixed material immediately within the pot life on the prepared surface. The primer may be applied with brush, roller or airless spray. The coating is applied when the primer



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is in a tacky to semi-tacky condition. However, in all circumstances, the coating shall be applied within 12 hours of application of the primer. If the primer surface is left open for more than 12 hours, then a fresh coat of primer has to be re-applied.

COVERAGE

4-6 m²/L/coat. For highly porous surfaces apply two coats.

CLEANING

Clean all tools immediately after use with Polysolvent. 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 condition rooms. The shelf life is up to 12 months in unopened 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

As with all construction chemical 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 products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

SUPPLY

Polyprime R	5L kit
Polysolvent	5L & 20L pails

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Color	Amber	
Density, [g/cc]	1.25±0.05	ASTM D 1475
Application life, [minutes]	30	
Initial cure, [hours]	5-6	
Application temperature, [°C]	5 to 35	

All values given are subject to 5-10% tolerance

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.