



Primex 250

Ready to use primer for Acrylic Coating

Product Properties

- Copolymer dispersion
- Water based, transparent when Dried
- Film forming
- Substrate Solidification
- Open to water vapour diffusion, Hydrophobic
- Resistant to UV, weathering and alkali
- Application by roller, brush and airless spraying

Areas of Application

- Primer for the mineral substrate
- Suitable for use on alkaline and neutral substrates
- Also Suitable for as a primer for Acrylic Based coating
- Suitable for surfaces sealer before water based Acrylic coatings

Application Notes

General

Primex 250 is a water-based copolymer acrylic dispersion-based primer. It is suitable for priming the mineral based surface to minimize surface pores. It's unique formulation helps to prevent air release from the mineral substrates to protect the acrylic based coating from pinholes and blistering.

Surface Preparation

All mineral surfaces to be primed with **Primex 250** should be cleaned thoroughly by mechanical equipment. All the unsound surface must be removed and make free from any foreign contaminations. Minor cracks honeycombs should be treated properly by **Nafuquick** Concrete cosmetic compound. Any existing waterproofing work (If any) must be completely removed. Smoothen the base with mortar or **Nafuquick** readymade mortar. Algae, Fungi, moss or small vegetation if any should be cleaned thoroughly with suitable herbicides for preventing further growth. After this treatment clean the surface with jet water completely.

Application

Primex 250 primer is ready to use and must be stirred thoroughly prior to application. Application is carried out continuously and streak-free using a roller, a brush or by airless spraying technique.

Application must not proceed during rain, high humidity, frost or risk of frost. Freshly applied layers must be protected from dew, Rain and frost.

General Information

Coverage Rates depend on condition of the substrate which may lead to over or under consumption. The recommended values in the Technical Data table are to be observed.

Primex 250 must not be used during rain or temperature below +5° C. **Primex 250** is a primer and only used in combination with the surface protection system for Acrylic Based Coatings.



Technical Data for Primex 250

Characteristic	Unit	Value*	Comments
Consumption*	Gms /m ² /coat	75	Coverage depends on substrate
Specific Gravity	Gm/cc	1.00	
Surface Dry	Minutes	30	ASTM D 1640 @ 30 ^o C
Non-Volatile Content	%	9.77	ASTM D1644
Pull off Adhesion Strength	N/mm ²	0.61	ASTM D 7234
Rain Proof	hour	4 - 6	
Over Coating Time	hour	Approx. 1 Approx. 4	For absorbent substrates For non-absorbing substrates
Application Condition	^o C % K	≥ 5 - ≤ 30 ≤ 85 3	Air / material / substrate temperature Relative humidity Above dew point

*Coverage May Depend on Roughness, Porosity and temperature of the substrate.

Product Characteristics for Primex 250

Type of Product	Copolymer dispersion liquid
Shelf Life	12 months from date of Manufacture
Delivery	Primex 250 : 30 kg, 20 kg, 5 kg
Storage	In Unopened Packaging. Protect from Rain, Direct Sunlight, Heat and Frost
Disposal	Empty packs completely and dispose off carefully to protect our Environment

Safety Advice

Please Take notice of the safety information and advice given on the packaging labels, safety information sheets and General Application Advice.

Note: - The information on this Data Sheet is based on our experiences and correct to the best of our knowledge. It is However, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our Data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are binding if given in written form. The accepted engineering rules must be observed at all times.

Edition: - MC/IND/190712, Some Technical Changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

Revision: April 2023