

DANOPRIMER I-W



1K Waterborne Acrylic Based Primer

DESCRIPTION

DANOPRIMER I-W is ready to use single component water borne acrylic resin-based primer use for consolidation of dusty substrates and enhancing the adhesion of subsequent layers of cement mortars, waterproofing paints, protective paints etc.

ADVANTAGES

- Excellent adhesion with concrete, cement mortar, gypsum, cement tiles etc.
- Suitable for application for both interior as well as exterior areas.
- Does not support bacterial growth.
- Does not chalk or peel-off.
- Enhances adhesion of subsequent layers.
- V.O.C free.

USES

DANOPRIMER I-W is suitable for application as primer on various substrates in:

- Dairies, pharmaceuticals & food processing units.
- Breweries and bottling plants.
- Hospital clean rooms and laboratories.
- Retail centres and departmental stores.
- Commercial kitchens and hotels.
- Building interiors and exteriors.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

The surfaces must be sound, clean, dry, and free from cracks, undulations, oil, grease, laitance and loose particles. Existing coating / paint on surfaces should be roughened enough by sanding to enhance adhesion.

New concrete surfaces should be minimum 28 days old and should be sound with tensile strength >1.5 mPa and moisture content <4%.

The new cement plaster should be given sufficient maturation time and should be perfectly dried. The plastered surface should be levelled smooth using interior wall Putty /POP / Gypsum, etc.

APPLICATION

Dilute **DANOPRIMER I-W** by adding 20% to 30% water by volume and apply a coat @ 5 to 7 m²/Kg., by brush or roller or spray and allow it to dry for minimum 4 hours.

On very absorbent or porous surface, second coat of **DANOPRIMER I-W** may be required.

PHYSICAL PROPERTIES

Colour and Appearance	Coloured Opaque Liquid
Solid Content (1gm/120°C/2 Hours)	47 to 52 %
Viscosity @ 30°C	700 to 900 mPa.s
Ash Content	35 to 40%

PROPERTIES OF APPLIED PRODUCT*

Properties	Values
Drying Time** @ 30°C	
Touch Dry	20 Minutes
Hard Dry	4 Hours
Re-Coatability	8 Hours
Curing Time @ 25°C to 35°C	8 Hours
Elongation at break	>50 %
Coverage***	5 to 7 m ² /Kg. per Coat

*Properties tested under laboratory condition for specimens cured for 15days @25°C to 40°C).

** The drying time is extended when relative humidity is >75%.

***Coverage is approximate and it depends upon the site conditions and surface porosity at the time of application.

CLEANING

Immediately after application of **DANOPRIMER I-W**, use water for cleaning application tools.

STORAGE

DANOPRIMER I-W must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight and children.

SUPPLY

DANOPRIMER I-W is supplied in 20 Kg, pack. It has a shelf life of 6 months when stored under the covered shed in sealed condition.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOPRIMER I-W**.

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