

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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