

DANOKOTE PUW



1K Waterborne Polyurethane Based Wall Coating

DESCRIPTION

DANOKOTE PUW is ready to use single component waterborne elastomeric polyurethane wall coating system for sterile and clean room areas in various industries.

ADVANTAGES

- Excellent U.V resistance and non-yellowing properties.
- Rich lustrous and smooth finish.
- Elastomeric - excellent crack bridging properties.
- Excellent adhesion to primed surface.
- Excellent anti-fungal performance.
- Good chemical and abrasion resistance.
- Washable and easy to maintain system.
- Does not support microbial growth.

USES

DANOKOTE PUW is ideal for use on walls requiring good chemical and microbial resistance coupled with easy to clean and maintain hygienic walls, in following industries:

- Pharmaceutical, food and dairy industries.
- Operation theatres.
- Scientific research laboratories.
- Industrial kitchens.
- Beverage and biotech industries.
- Retail centres and departmental stores.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

The surfaces must be sound, clean, dry, smooth and free from cracks, undulations, old paint, oil, laitance and loose particles.

Existing paint shall be removed using conventional methods. Cracks, if present should be cut open in 'V' shape and filled with appropriate crack sealer.

Undulations in surface shall be levelled using appropriate wall putty. If required, the dried putty should be sanded to remove protrusions and obtain smooth and levelled surface.

SURFACE PRIMING

Apply **DANOPRIMER I-W**, water borne acrylic based primer @ 5 to 7 m²/Kg., on well prepared substrate covering the entire area uniformly. Allow primer to dry for minimum 4 hours. On very absorbent / porous surface, it is necessary to apply second coat of primer.

APPLICATION

DANOKOTE PUW is supplied as ready to use at site. The contents of packing must be stirred thoroughly to achieve homogeneous and uniform coloured mix.

Apply **DANOKOTE PUW** by brush or roller or spray @8 to 10 m²/Kg. Minimum two coats are recommended, the second coat applied perpendicular to first coat after first coat is dry. Allow the applied system to cure for 24 to 48 hours before putting it in to service.

If required, to ease the application, **DANOKOTE PUW** can be diluted with water maximum 10% by weight.

PROPERTIES

Properties	Values
Solid Content	50 to 55 % by Weight
Viscosity @ 23°C, Brookfield Spindle no. 20	700 to 900 mPa.s
Ash Content	24 to 30%
Drying Time @ 30°C	
Touch Dry	30 Minutes
Re-Coatability	6 Hours
Hard Dry	8 Hours
Curing Time	48 to 72 Hours
Elongation at Break	>300 %
Coverage over the primed surface	8 to 10 m ² /Kg. per Coat when applied @30 to 40 μ d.f.t*

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

CLEANING

Immediately after application of **DANOKOTE PUW** use water for cleaning application tools.

SUPPLY

DANOKOTE PUW is supplied in 20 Kg. pack. It has a shelf life of 6 months when stored under the covered shed in sealed condition.

STORAGE

DANOKOTE PUW must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, and direct sunlight.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOKOTE PUW**.

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