**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, laittance 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**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Content</td>
<td>50 to 55 % by Weight</td>
</tr>
<tr>
<td>Viscosity @ 23°C, Brookfield</td>
<td>700 to 900 mPa.s</td>
</tr>
<tr>
<td>Ash Content</td>
<td>24 to 30%</td>
</tr>
<tr>
<td>Drying Time @ 30°C</td>
<td>30 Minutes</td>
</tr>
<tr>
<td>Touch Dry</td>
<td>6 Hours</td>
</tr>
<tr>
<td>Re-Coatability</td>
<td>8 Hours</td>
</tr>
<tr>
<td>Hard Dry</td>
<td></td>
</tr>
<tr>
<td>Curing Time</td>
<td>48 to 72 Hours</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>&gt;300 %</td>
</tr>
<tr>
<td>Coverage over the primed surface</td>
<td>8 to 10 m²/Kg. per</td>
</tr>
<tr>
<td></td>
<td>Coat when applied</td>
</tr>
<tr>
<td></td>
<td>@30 to 40 μ d.f.t.*</td>
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</tbody>
</table>

*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.