

# DANOKOTE PU-MT



## 1K U.V Resistant Polyurethane Coating for Metal Surfaces

### DESCRIPTION

**DANOKOTE PU-MT** is ready to use single component solvent free U.V resistant polyurethane based high build liquid applied coating use for protection of metal surfaces from corrosive atmosphere.

### ADVANTAGES

- Solvent free.
- Exhibits good adhesion with metal surfaces.
- High elasticity and crack bridging ability.
- Good U.V, weather and ageing resistance.
- Good resistance to influences of natural rain.
- Single component – quick and easy application.
- No need of primer.
- Good resistance to corrosive atmosphere.

### USES

**DANOKOTE PU-MT** is ideal for application on metal surfaces for protecting:

- Steel bridges, flyovers, towers etc.
- Steel structures exposed to saline or marine environment.
- Pipelines and storage vessels.
- Machines and equipment.
- Steel structures of offshore platform and ship decks.
- Steel structures in power plants, fertilizer, paper, textile and other plants.

### APPLICATION INSTRUCTIONS

#### SURFACE PREPARATION

The metal surfaces must be sound and dry, thoroughly cleaned to remove oil, grease, rust, dust and foreign particles.

#### SURFACE PRIMING

**DANOKOTE PU-MT** exhibit good bonding with the metal surfaces. Priming is not normally required on good quality substrates.

### PROPERTIES

Color	Light Grey / Light Blue
Consistency	Applicable by Brush / Roller
Density	1.30 ± 0.10 Kg./ltr
Application Temperature	5 to 35°C
Temperature Resistance	(-)40 to (+)90°C
Curing Period	24 Hours@ 25°C.
SHORE A Hardness	30 @28days
Consumption*	1.5 Kg./m <sup>2</sup> per coat @ 1mm d.f.t

\*Consumption is approximate without taking wastage in to consideration and depends upon site conditions and surface porosity at the time of application.

### APPLICATION

**DANOKOTE PU-MT** is supplied as ready to use single component product at site. Prior to use, cut open the aluminum foil packaging and pour the material in to the bucket and stir the content thoroughly until homogenous and uniform colored mix is obtained.

Apply **DANOKOTE PU-MT** by brush or short haired velvet roller. When multiple coats are required to build higher thickness, allow previous coat to cure for atleast 4 hours (@25°C) before applying subsequent coats.

### CLEANING

Immediately after application of **DANOKOTE PU-MT**, use suitable solvent for cleaning application tools. Once cured, the cured film develops good resistance to most common solvents and will have to be removed by mechanical means.

### SUPPLY

**DANOKOTE PU-MT** is supplied in 4 Kg., & 20 Kg., Plastic Bucket. It has a shelf life of 12 months when stored under the covered shed in sealed condition.

## STORAGE

**DANOKOTE PU-MT** must be stored between 5°C. to 30°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight, and children.

## SAFETY PRECAUTIONS

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

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