

DANOFLOOR PRIMER PU



Moisture Cured Clear Polyurethane Primer

DESCRIPTION

DANOFLOOR PRIMER PU is specially formulated penetrating low viscous moisture cured polyurethane clear primer for use on cementitious and masonry substrates.

USES

DANOFLOOR PRIMER PU is recommended for use with TIKIDAN polyurethane range of floor coatings and toppings, PUF, and other polyurethane based systems as primer to enhance the adhesion of the treatment with the substrates.

ADVANTAGES

- Low viscous
- High penetrating power and surface pore sealing efficiency
- Good adhesion with various substrates and polyurethane top coats, PUF, etc.
- Binds left over dust particles during substrate preparation increasing bond of subsequent coats

APPLICATION

Clean the concrete surface thoroughly free of dust. The prepared concrete surface should be free from surface condensations and moisture, surface porosities, cracks, honey combs etc. The temperature of the concrete substrate must be, at least, 3°C above dew point temperature.

Residual moisture content in the concrete should not be more than 4%.

DANOFLOOR PRIMER PU is supplied as ready to use single component product. Stir well the contents of pack before applying.

Apply **DANOFLOOR PRIMER PU** by brush / roller @ 8 to 9 m²/ ltr./coat. Allow the primer to cure for 5 to 7 hour.

Once the applied primer is dry, the surface is ready to receive TIKIDAN PU flooring systems, PUF and other polyurethane based systems.

Once the applied prime coat of **DANOFLOOR PRIMER PU** is fully cured and is more than 24 hours old, it will not allow adhesion of subsequent top coat. In such cases, it is recommended to re-apply one coat of **DANOFLOOR PRIMER PU** or the dried prime surface should be mechanically abraded to have better mechanical key for subsequent top coating.

APPLICATION DATA

Application	By brush / roller
Recommended Thickness	50 microns D.F.T
Theoretical Coverage*	8 to 9 m ² /ltr/coat @50 microns

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

PROPERTIES

Properties	Values	Test Standard
Solid Content by Volume	38 to 44%	ASTM D2697
Flash Point	>20°C	ASTM D3278
Dry Time Tack Free Hard Dry	3 to 4 Hours 24 Hours	ASTM D1640
Pull Off Adhesion On Concrete On Kota Stone	Concrete Failure 7 to 8 MPa	ASTM D4541

SUPPLY

DANOFLOOR PRIMER PU is supplied in 5 and 20 litre packs. It has a shelf life of 6 months when stored under the covered shed in sealed condition.

CLEANING

Immediately after application of **DANOFLOOR PRIMER PU**, use suitable aromatic solvent for cleaning application tools.

STORAGE

DANOFLOOR PRIMER PU must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight, sparks and children.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOFLOOR PRIMER PU**.

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Note: Properties subject to change as per specific requirement. Field service where provided does not constitute supervisory responsibility. Suggestions made by **TIKIDAN** orally or in writing may be followed, either modified or rejected by the owner, engineer or contractor since they, and not **TIKIDAN**, are responsible for carrying out procedures appropriate to a specific application. **TIKIDAN** reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

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