

Trideck SF De-Ice

Technical Data Sheet

Description:

Trideck SF De-Ice is a self-levelling, solvent-free, durable, and flexible compound designed for embedding heating cables on horizontal decks.

It's flexible properties and high adhesion strength prevent cracking under normal operating conditions, and it has excellent thermal conductivity.

Areas of use:

Trideck SF De-Ice is a proven system that, in combination with embedded heating cables, provides a heated surface.

Trideck SF De-Ice mixed without addition of component C, can be applied as a top coat and broadcast with quartz. This results in ice-free, slip-resistant walkways and escape routes for use on ships, offshore installations, and in industrial facilities.

Properties:

Trideck SF De-Ice is a solvent-free, 3-component, flexible thermosetting resin added with conductive quartz filler. It has excellent adhesion to primed steel and primed concrete. Provides a seamless, waterproof surface with high chemical resistance and very high mechanical impact strength

Surface preparation:

Refer to the Data Sheet and Application Instructions for recommended primers and Trideck SF De-Icer application procedures.

Application:

For detailed information on application and equipment, see the Trideck SF De-Icer Application Instructions.

Physical Data:

Gloss	N/A
Color	Light grey
Surface	Approved Primer
Components	3
Curing	Chemical reaction between base and curing agent
Thickness	Dependent on cable type, specification, etc
Theoretical consumption	33 kg/m ² at 22 mm consumption depends on substrate, method of application, etc.
Volume solids	100%
Application method	Pour and spread
Pot life 20°C	15 minutes
Touch dry 20°C	8 hours
Min. recoat 20°C	8 hours
Max. recoat 20°C	48 hours
Fully cured 20°C	7 days

Drying and curing times depends on temperature.

Mixing ratio by weight

Base comp. A	17 kg
Cure comp. B	3 kg
Aggregate comp. C	50 kg
Thinner	Do Not Use Thinner

Cleaner Xylen

Packaging

Base	17 kg
Hardener	3 kg
Aggregate	25 kg

Shelf life

12 months from delivery date, when stored unopened, indoors, frost-free.