SAKSHI TC 375 (CHEMICAL RESISTANCE EPOXY TOP COAT)

DATA SHEET

DESCRIPTION

SAKSHI TC 375 is a two packs, self level, Chemical resistance Epoxy resin based high glossy, top coat for floor coating system.
SAKSHI TC 375 is a 0.5- 2mm thick, self leveling floor coating for concrete and Masonry substrate, useful for Industrial, Chemical, Pharmaceutical & Automobile plants.

PRINCIPAL CHARACTERISTICS

SAKSHI TC 375 High glossy and seamless coating and direct Application on screed or primer coat.

SAKSHI TC 375 having excellent flow and leveling characteristics.

SAKSHI TC 375 having very good weathering, Chemical and Abrasion resistance.

SAKSHI TC 375 having high mechanical strength with excellent Impact and mar resistance.

SAKSHI TC 375 can open for foot traffic after 24 hours (at 30ºC) of Application.

COLOURS AND GLOSS — **Range and Glossy**

BASIC DATA

Solids	100%
Recommended Dry Film Thickness	0.5 to 2mm
Theoretical consumption for $1m^2$ area	1.58±0.03 kg, for 1mm thickness (depends on shade)
Surface dry @ 30 ^{0}C	2 hours
Hard dry @ 30 ^{0}C	24 hours
Full Cure after	7 days
Induction Time	Not required
Pot life	40 minutes
VOC	Nil
Mixing Ratio by wt	Base (Resin): Hardener , 5:1
Application method	Leveler / Spike roller / Trowel
Flash point	Above 30^0 C

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Instructions for use:

Surface Preparation: A clean, dry and sound, concrete substrate is essential for Floor coating application and in ensuring maximum bonding between the substrate and flooring system. New concrete surface must be a minimum of 30 days old, free from curing Compounds and have moisture content less than 3-4 % prior to application of the primer and other coats.
The surface can be prepared mechanically using shot blasting or other blasting equipment, or by acid etching followed by thorough water wash and wire brushing.
The choice of surface preparation should be determined by the extent and nature of contamination present on the concrete surface. All dust present must be removed prior to Top coat application.

Mixing: Stir the base and hardener separately, with the help of power driven hand stirrer. Mix hardener into the base then add filler in that mixture as per the stated mixing ratio.
Apply after induction time and before expiration of pot life.
Application: screed coat can be applied on wet primer.
Substrate temperature should be at least 3°C above dew point.
Maximum relative humidity during application and curing is below 85%
All tools and equipment can be cleaned with Thinner SAKASHI THINNER 400.
Allow to cure for overnight.

Storage & Packing

Storage: Store in a cool, dry place. Store in accordance with local regulations.
Packing: 10, 15&20Kgs

Shelf life

12 Months **(cool & dry place)**

Safety Information

As a general safety measure, inhalation of solvent vapors or coating mist and contact of coating with skin & eyes should be avoided. Forced ventilation should be provided when applying coating in Confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye Protections are always recommended while coating application.