



Apoxy™ 126FS Sealer

100% Resin Rich Epoxy Sealer

DESCRIPTION

Apoxy™ 126FS Sealer is a 100% resin rich epoxy sealer design as bonding coat for various type of epoxy and epoxy modified systems. It cures within 4 hours that reduces downtime, disruption to users and businesses.

SUITABLE USES

New and existing internal concrete, masonry or sound cement panel and board.

- Commercial, public communal areas, MRT station, hospital, kitchens, etc
- Foot path, trolley & goods delivery passage, corridors, lift lobbies, etc
- Heavy duty car parks, drive way, ramps, etc

ADVANTAGES

- Fast rapid curing (allows traffic in 4 hours)
- No solvent content, odorless system
- Superior adhesion and abrasion resistant
- User friendly, easy hand trowel application
- Compatible with most epoxy topcoats

SUBSTRATE REQUIREMENT

To obtain a desirable result, ensure that Apoxy™ 126FS Sealer is be applied on to a clean, sound and water tight substrate free of loose coating, oil, grease, soot, dirt, adhesives, laitance and any other surface contamination and defect.

SURFACE PREPARATION (FRESH CONCRETE)

- Blast clean, scarify or grind surface to remove laitance and expose blow hole
- Fill blow hole, crack, etc., with Aquapoxy™ Screed or fillers with bond strength > 1.0 N/mm²
- Use Omniclean with jet washing to degrease oil, grease and hydrocarbon deposit.
- Moisture within the concrete should be <12% moisture on Protimeter scale

WORKING WITH APOXY™ 126FS SEALER

Please read and understand Technical Data Sheet and Safety Data Sheet of each product before using them. We recommend only trained and approved applicator be engaged to perform application of Apoxy™ 126 FS.

APPLICATION OF APOXY™ 126 FS SYSTEM

Equip with right tool and equipment before mixing any epoxy. We only recommend authorised and trained applicator to apply Apoxy™ 126FS Sealer. Sample of a stirrer is shown below.

Set mixer speed to 150-200 rpm. Star stirring and move MG peddler in direction opposite to MG peddler blade rotation for 1 minute to obtain a uniform and homogenous mass.



Slowly add Part B (10kg) while the mixing continues. Keep blending for another 1 minute.

Sample coverage

Type of application	Min. usage
As a sealer on concrete	≥ 0.15 kg/m ²
As a sealer on plaster wall	≥ 0.10 kg/m ²
As a sealer on board	≥ 0.10 kg/m ²
As a sealer for screed	≥ 0.25 kg/m ²
As a self-level mortar additive (with 1kg silica to get 2 mm thick mortar)	≥ 1.25 kg/m ²



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PHYSICAL PROPERTIES

Appearance	Resinous liquid (resin)
Abrasion ASTM D4060:95	Weight loss < 0.15g
Bond strength ASTM D4541	> 2.0 N/mm ² after 72hrs curing
Colour	Resin clear
Compressive strength ASTM C 109:90	>75N/mm ²
Flexural strength ASTM C348:95	>60N/mm ²
Tensile strength ASTM D 190:85	>30N/mm ²
Dry time @ 30°C	4 hours (trafficable) Full cure at 72 hours
Pot life (A+B)	15 minutes @ 25°C
Type of resin	100% resin rich epoxies

CLEANING TOOL & EQUIPMENT

Use cleaning solvent A1 to clean tools

COVERAGE

0.15 mm D.F.T. requires $\geq 180\text{g/m}^2$

0.20 mm D.F.T. requires $\geq 240\text{g/m}^2$

PACK SIZE

Part A 20.0 kg can
Part B 10.0 kg can

POTLIFE & SHELF LIFE

Pot life : 15 minutes after mixing
Shelf life : 9 months in sealed condition
Do not use any mixture after 15 minutes.

STORAGE & TRANSPORTION

Keep ApoxyTM 126 FS in cool and dry condition. Store in its original sealed condition.

LIMITATIONS

- ApoxyTM 126FS Sealer may not bond properly to curing compound or existing coating on concrete. Bond or pull off test is recommended to determine suitability before actual application.
- Coverage and consumption vary depending on the porosity and roughness of substrate.
- Suitable application temperature is 15°C to 45°C
- Apply or install when relative humidity is <75%

DISCLAIMER CLAUSE

This TDS summarizes our best knowledge of this product, including how to use the product based on the information available at the time of publication. You should read this TDS carefully, consider and try out the information in the context of how the product will be used, including in conjunction with any other product, type of surfaces to, and the manner the product will be applied.

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