





TECHNICAL DATA SHEET



RITEFLOR SCREED

Polymer modified cement binder for making high strength, shrinkage controlled, self cured dry mortar.

(Ref: SIPL / TDS / RFS / 0522 / R-02)

Product Description

MYMIX - RITEFLOR Screed is a polymer modified, cementitious dry mortar for screed and multipurpose applications. It is to be mixed with water and aggregates at on site to produce water retaining, self-curing screeds and leveling beds. It has excellent bond on concrete and cementitious surfaces, suitable for making underlayment bed for wet-on-wet fixing tiles and stones.

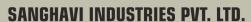
Special Features

- Polymer modified, single component, high strength dry mortar
- Suitable for internal and external floors
- Suitable on concrete and cement mortar beds
- Superior compressive strength
- Anti-shrinkage, self-curing & water retaining
- Pumpable



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(ISO 9001:2015 CERTIFIED COMPANY)

B-102, Safal Solitaire, Next Divya Bhaskar, S. G. Highway, Makarba, Ahmedabad, Gujarat - 380 051 India













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Application

- For levelling of undulation surfaces
- For internal and external floors and underlays Suitable for foundations
- Formation of bonded, unbounded, adhered, unadhered, anchored or floating screeds
- Industrial & Commercial applications

Advantages

- Consistent quality due to high quality material used
- Superior adhesion
- Higher compressive strength
- MYMIX RITEFLOR can be applied up to 50 mm thickness. Above thickness of 50 mm multiple layers should be done.
- Economical usage
- Pumpable
- No-Curing and rapid drying

Suitable Substrates

- Concrete surfaces
- Existing PCC & IPS
- Cement Mortar Beds

Coverage

For reference please review mixing ratio chart

Packing

Available in 25 Kg Bag

Shelf Life

 Factory sealed packs are best before 12 months from the date of manufacturing in unopened condition and stored in cool & dry area

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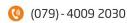
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How to Apply

Surface Preparation

- Any deep defects on the surface should be repaired first
- The surface should be clean and free from dirt, oil or grease before applying the RITEFLOR Screed
- For better bonding; concrete surface should be roughed adequately or use MYMIX SBR Latex Slurry bond coat prior to make screed application

Mixing

- Add MYMIX RITEFLOR Screed with upto 8mm aggregates in the ratio of 1: 4 by volume and water (the water percentage is depending on humidity content in the aggregates)
- Ensure the aggregates size matrix distribution is uniform (up to 8mm). The aggregates must be free from clay, dust or fine silt content
- Mix the material by hand or in concrete mixer machine for atleast 5-10 minutes for homogeneous mixture. Ensure that no powder, lumps particle and unmixed material left in mixture.
- If any bond coat or slurry coat is applied, place the wet screed material while the bond coat or slurry coat is in semi dry or tacky condition.

Applications

- Spread the mixed material on floor surface for levelled and compact properly to check the required levels in floor.
- Use appropriate surface levelling device to generate floor levels
- The applied surface should be left for at least 48 hours for curing prior to lay tile or stones or etc.
- Subsequent application can be started after 48 hours
- For wet-on-wet tile installation method, use suitable adhesive slurry and fix the tiles when the base screed in in wet condition.

Mixing Ratio Chart

Particulars	Riteflor Screed	Aggregates (upto 8mm)	Coverage (sft)
EN 13813	Kg	Kg	for 25 mm thickness by volume
1:3	25	100	32
1:4	25	125	36
1: 5	25	150	42
1:6	25	190	50

(10-12 % of water to the total mix of design)

RITEFLOR Screed can be applied up to 50 mm thickness. Above thickness of 50 mm multiple layers should be done.

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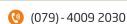
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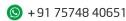
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Technical Data

General Properties

Sr. No.	Testing Parameters	Results
1	Mixing Ratio	10-12% of water to the total mix (RITEFLOR SCREED and Aggregates) by weight
2	Colour	Grey
3	Potlife	4 Hour
4	Time to Heavy Traffic	72 Hours

Physical Properties

Sr. No.	Testing Parameters	Results
1	Compressive Strength	
1.1	@ 7 day	8 -12 N / mm ²
1.2	@ 28 day	24 -28 N / mm²
2	Flexural Strength @ 28 day	4 - 5 N / mm²
3	Dry mortar Bulk Density (without aggregates)	1500 to 1600 kg / m³
4	Temperature Resistance	-4°C to 50°C

Precautions

- Keep out of reach of children • Wear suitable protective cloths, respirator and gloves
- In case of contact with skin/eyes, wash immediately with plenty of water & seek medical help

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