



SISCOFLOOR PUTTY

EPOXY PUTTY FOR FLOOR

Product Description

A two-component epoxy putty for flooring applications. It is formulated to use for filling grooves and holes on flooring surface preparation. It provides good adhesion, good flow and easy application properties.

Uses

Recommended for industrial walkways, stair cases, light duty workshops, internal car park up stands, plant rooms, back of house.

Specific Properties

- Leveling consistency.
- Consistency adjustable, can added more filler or thickener
- Excellent mechanical and chemical resistance
- Easy to apply
- Solvent free – no aids ventilation required during application

Technical Information

| | | |
|----------------------|-------------------------------|---------------------|
| Solids (% by volume) | ...100...% | |
| Dry Film Thickness | 200-1000 micron | |
| Wet Film Thickness | 200-1000 micron | |
| Flash Point | > 90 °C | |
| Theoretical Coverage | 1.4-1.5 kg/m ² /mm | |
| Colours | Various | |
| Glossiness | Gloss | |
| Compressive Strength | 80.41 MPa | ASTM C109/C109M-20b |
| Flexural Strength | 54.04 MPa | ASTM C348-20 |
| Tensile Strength | 17.16 MPa | ASTM D412-16(2021) |
| Bond Strength | 1.14 MPa | ASTM C952-12 |
| Water Absorption | 0.77 % | ASTM C121/C121M-20 |



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Application Data

| | |
|---------------------|---------------------------------|
| Application method | Trowel, squeegee |
| Temperature minimum | 5 °C |
| Humidity Maximum | 75% R.H. |
| Mixing Ratio | 5 Base : 1 Hardener (by weight) |

Application Method

| Surface Temperature | Touch Dry | Hard Dry | Over Coating Interval | | Pot Life |
|---------------------|-----------|----------|-----------------------|---------|----------|
| | | | Minimum | Maximum | |
| 25 °C | 6 Hrs | 22 Hrs | 22 Hrs | -- | 1 Hrs |
| 30 °C | 5 Hrs | 16 Hrs | 16 Hrs | -- | 40 Mins |
| 35 °C | 4 Hrs | 12 Hrs | 12 Hrs | -- | 30 Mins |

Addition Information

| | |
|-----------------------------|---|
| Cleaning Solvent | Thinner No.9 |
| Packaging | Two pack product, 24 kg/set (A+B) |
| Preferable Preceding Coats | Siscofloor 105, Siscofloor 1200, Siscofloor MBS |
| Preferable Subsequent Coats | Siscofloor 5000 |

Surface Preparation

1. Substrates should be at least 28 days old and have a moisture content not exceeding 8%
2. Surface should be sound, dry, clean, free from dust, laitance, oil, grease or any contaminations.



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Surface Preparation

3. Laitance deposits are removed by planetary diamond disc grinder or by captive blasting followed by vacuum cleaning to remove dust debris.
4. If the moisture content of surface is over 8%, Siscofloor MBS must be installed for concrete moisture barrier.

Mixing and Application

1. Premix only Part A by mixing drill for 30 seconds or until homogeneous mixed is achieved.
2. Pour Part B into Part A and mix by mixing drill for 60-120 seconds or until mixed is homogeneous.
3. In case of higher thixotropic mixture is needed, Silica fume may be added into the mixed in the meantime of mixing by high-speed mixer.
4. Pour mixture on the prepared surface, spread by trowel. Allow material to set at least 4-6 hours (depend on temperature) before application of the next step.

Storage

Store in a cool dry place, protect from direct sunlight.

Safety Precaution

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breath vapour or spray. In case of touch skin, wash skin thoroughly soap and water. In case of accidental eyes splashes, flush eyes with warm water immediately and obtain medical advice.

Disclaimer

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.