

EvoShine Screed ES22

Self-levelling Epoxy Underlay

DESCRIPTION

EVOSHINE ES22 is a solvent-less epoxy-based self-leveling screed suitable for applying 1mm to 5mm self-leveling underlay to cover surface imperfections and unevenness on concrete substrates. Its self-leveled three-component epoxy system provides a proper base for the application of self-leveling top coats. EVOSHINE ES22 consists of special resins and graded aggregates formulated to withstand chemical attack and impact shock.

APPLICATION AREA

WHERE TO USE:

Screed application is normally recommended for areas where medium-high load movement is envisaged. Heavy mechanical load and high abrasion resistance requirements of concrete and Masonry substrates are suggested with a built of 1-5 mm screed, before going in for floor coating finishes.

DESIGNED USE:

- Loading/unloading bays
- Warehouses & store rooms.
- Tool rooms, workshops and service stations.
- Equipment stores and auxiliary areas.
- Manufacturing & packing areas

ADVANTAGES:

- Provides a flat and level surface.
- Seamless.
- Quick & easy to lay.
- Excellent bond with substrate and toppings

PROPERTIES

- Excellent Adhesion.
- Excellent Compressive Strength.
- Excellent impact resistance to heavy mechanical load.
- High abrasion resistance.
- Excellent bond to epoxy and PU top coats.

APPLICATION INSTRUCTIONS

- Ensure that the primer coat is tack free dried.
- Mix EVOSHINE ES22 Resin and Hardener in 1:1 Ratio by volume.
- Mix the filler in recommended proportion and stir for 5-10 Minutes.
- Apply by trowel or Leveler.
- Allow to cure for 8-10 hours.

TECHNICAL DATA

Type	Three Pack (Base:Hardner:Filler)
Composition	Solvent less epoxy
Compressive Strength (ASTM C 579)	54.4 Mpa @7 Days
Pull of adhesion strength (ASTM D 4541)	2.21 Mpa
Hardness shore D (ASTM D 882)	78.1
Tensile Strength (ASTM D 882)	21.6 Mpa @ 7 Days
Modules of Elasticity (ASTM D 882)	1366 Mpa @ 28 Days
Application	Masonry trowel or leveler
Recommended DFT	1 to 5 mm thickness
Volume Solid	95%
Mixing Ratio	1:1 by volume
Pot Life	20-25 min
Coverage kg/sq.m.	Evoshine ES22+FQ Sand 1.6 kg/m ² 1mm)
Drying Time	Surface dry: 8-10hrs (depends on thickness & temperature)
Re-coating Interval	Min. 8-10 hrs
Hard Dry	Overnight
Color	Light yellow

Thinner/ Cleaner	For cleaning of tools
Storage life	12 Months

HEALTH & SAFETY

- Avoid contact with skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breath vapor or spray.
- For further information, please consult the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

DISCLAIMER

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products. However, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

SWADI MINERALS AND CHEMICALS

Bellary Branch Office
9/64, Weavers Street,
Bellary – 583101
Karnataka, INDIA

Corporate Office & Mfr. Unit
Sy.no 70/1, Gollarahatti,
Magadi Main Road, Vishwaneedam Post,
Land Mark – Shahi exports unit 8, Bangalore – 560091

Kurnool Branch Office:
D.No 81/169-1-1, Vivek Nagar,
Opp. Sub Register Office,
Kurnool – 518002, A.P INDIA

Customer Care: M 8884492928 | email: marketing@swadiminerals.com
www.swadigroup.com