

TECHNICAL DATA SHEET

ZORRIK HB 1432 SF High Build Epoxy Coating

DESCRIPTION:

A two component epoxy based pigmented top coat, cured with modified cyclo-aliphatic curing agent, Zorrik HB 1432 SF is recommended as a hi-build epoxy coating. It has excellent adhesion over primed and screeded surfaces and it can also be applied without primer coat. It is available in RAL colours.

USES:

Zorrik HB 1432 SF is used as a top coat in conjunction with Epoxy range. Zorrik HB 1432 SF is recommended for Structure coatings of metals, concrete etc. It is a food grade epoxy coating.

KEY FEATURES:

- Excellent adhesion
- High solids
- Excellent flow and levelling characteristics
- High gloss
- Excellent toughness
- Provides excellent corrosion protection
- Primer less coating

PROPERTIES:

Type	Epoxy-cycloaliphatic amine
Mixing ratio (R:H)	1 : 1 by volume
Finish	High gloss
Colour	Desired shade
Pot life @ 27°C ASTM D 2471	45 - 60 min
Volume solids ASTM D 2697	90 ± 2%
Recommended WFT ASTM D 4414	350 microns
Recommended DFT ASTM D 1186	300 microns
Drying time ASTM D 1640	
Surface dry	1 - 2 hrs
Tack free dry	7 - 8 hrs
Hard dry	24 hrs
Theoretical coverage	3 sq m / litre / coat @ 300 microns
Application	By roller
Recommended thinner Clean up	-
Shelf life	12 months in the un-opened container

PERFORMANCE DATA:

Tensile strength ASTM D 638	20 – 25 MPa
Elongation ASTM D 638	1 – 2 %
Abrasion resistance ASTM D 4060	60 – 65 mg loss

DIRECTIONS TO USE:

Ensure that the sealer or prime coat is fully dried. Zorrik HB 1432 SF resin is pigmented. Stir it well before mixing with hardener. Mix Zorrik HB 1432 SF resin and Zorrik HB 1432 SF hardener in 1:1 ratio by volume. Agitate the mixture for 4 - 6 minutes. Apply by roller at a thickness of 250-300 microns. Allow to cure over night. Allow trafficking after 48 hours.

PACKAGING:

Zorrik HB 1432 SF is available in 5 and 20 litre packs and has a maximum shelf life of 12 months in the unopened containers.

STORAGE AND HANDLING:

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. It contains inflammable solvents. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time.

HEALTH AND SAFETY PRECAUTIONS:

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with thinner PUT 503 and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic. In case of contact with eyes, rinse with plenty of water and seek medical advice. In case of continuous exposure to vapour, the applicator should be immediately moved to get fresh air. The disposal of excess or waste material should be carried out in accordance with the local legislations.

DISCLAIMER:

All information contained in this data sheet is given to the best of our knowledge but no warranty is made with respect thereto. This data sheet becomes invalid as soon as a new edition has been published. Please contact us for latest edition. No condition of warranty is given covering the results from the use of materials in the circumstances of any particular application, because the storage, handling and application of the materials are beyond our control.



Pidilite Industries Ltd.

Marketing Division IP-1 MRO, P.B. No. 17411, Andheri (East), Mumbai - 400059