



*The Ultimate Protective Solution*

# SP EPUTOP 850

## TECHNICAL DATA

A two pack Solventless, **Epoxy-Polyurethane Floor-coating** system.

### INTEDED USES

For excellent protection against abrasion, chemicals with hygienic floor, easy to clean, hard wearing, good aesthetics this high performance Epoxy Floor-coating is practically recommended to Food processing industries, Pharmaceutical plants, Flour mills, Cold storages, Dairies, bakeries, bottling plants, Chemical & Refinery industries, on new & old floors of concrete, wood & mild steel. It possesses excellent mechanical properties like very good hardness, flexibility, adhesion, abrasion resistance, impact resistance etc. in heavy traffic areas.

### PHYSICAL PROPERTIES

Colour	: Limited range
Finish	: Smooth & Glossy
% Solids by Volume	: 100 ± 5 %
Mixing ratio (Base : Hardener)	: As mentioned on container
Thinner intake	: <b>Strictly not recommended</b>
Maturation time	: Allow the mixed material for 2-3 minutes before use.
Recommended D.F.T.	: 200-300 microns per coat.
Drying time @ 30°C & at recommended D.F.T.	: a) Surface Dry : 4 hr. b) Hard dry : 48 hrs. c) Complete Cure: 7 days (for chemical testing)
Recommended Thinner	: T-1000 for equipment cleaning only
Pot Life	: 30 to 45 minutes @ 30°C
Shelf life	: 12 months (Individual sealed components under normal storage condition)
Theoretical Coverage	: 4-5 m <sup>2</sup> /Kg. on smooth & non-absorbent surface @ 0.2 mm DFT
Application method	: By Roller / Brush
Compatibility	: Compatible with Epoxy undercoats or topcoats.

**SURFACE PREPARATION :**

The surface must be clean, dry & free from oil, grease, dust, moisture. Remove dirt, loose rust & other foreign material by using power tool sander to abrade the surface for adequate adhesion. For old coated surface abrade the surface with power tool sander to roughen the surface for better adhesion. Wipeout the dust, dirt particles with thinner wetted clean cloth.

**APPLICATION CONDITIONS :**

This product should preferably be applied at temperatures in excess of 10<sup>0</sup> C. Substrate temperature should be at least 5<sup>0</sup>C & above the dew point.

Application at ambient air temperatures below 5<sup>o</sup>c is not recommended. Do not apply when relative humidity rises above 90%. Do not apply during rain, fog or mist. Such conditions do not permit adhesion of coating with the substrate & delay in curing or loss of gloss.

**POT LIFE OF MIXED MATERIAL :**

At the time of mixing the material, if the temperature exceed of 35<sup>0</sup>C the pot life will be approximately halved. Use of this product outside of the pot life may result in inferior adhesion properties even if the material appears fit for application. Thinning the mixed material is strictly not recommended.

**SAFETY PRECAUTIONS :**

While applying this product in closed structures, arrangements for adequate ventilation must be ensured. Smoking and naked lights should not be permitted. Mask should be worn when spraying. To avoid skin contamination use barrier cream or disposable gloves. Wash hands and face regularly with hot water and soap. Brushes & equipment should be cleaned with recommended thinner immediately after use.

**DISCLAIMER :** The information in this data sheet is given to the best of our knowledge based on laboratory testing & practical experience. It is the user's responsibility to conduct all necessary trials & tests to confirm the suitability of any product or system to their intended use. Our all recommendations or suggestions whether in technical documentations in writing or verbal are given in good faith but without any type of warranty or liability on us. We have no control over either the quality or condition of the substrate, or the factors affecting the use & applications of the product. Therefore we do not accept any liability arising from loss, injury or damage resulting from such uses.



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