

FIRECERAMIC TOPCOAT – FIRE LINE

- DESCRIPTION** : It is a rapid alkyd resin based topcoat paint that dries quickly. It as a one-component paint that is used as the topcoat in fire preventive paint applications.
- AREAS OF USE** : It is used as the final coat on steel surfaces, low and medium corrosive settings after fire proofing paints. It has a high coverage power and strongly resistant to weather conditions.
- SOLVENT** : Solvent – Industrial-Synthetic thinner
- COLORS** : Any color can be produced.
- APPEARANCE** : Glossy
- DENSITY** : 1,30 kg/L
- SOLIDS** : by volume : % 58 ± 1 (ASTM D 2697-03)
- V.O.C.** : 416 g/L (ASTM D 3960-05)
- PACKAGE** : 20 Kg
- STORAGE** : Inflammable liquid regulations should be followed. The product should be stored in a cool, dry and efficiently ventilated area. No smoking in storage area. Keep out of reach of children. If a leakage is detected, then it should be cleaned with a proper absorbent (such as soil).
- STORAGE LIFE** : If stored in its original package with 4-50°C room temperature, storage life after production is 1 year.
- PREPARING THE PAINT** : **The product should be mixed well before use.** Open packages should not be used and the supplier should be contacted. If applied with an airless gun, it should be thinned down 20-30% by volume; if applied with conventional guns 30% and with brush it should be thinned down 5-10%.
- PREPARING THE SURFACE**: The surface should be dry and cleaned from rust, grease and other unspecified layers with proper cleansers. In order to clean the surface from dirt, dust, salt and mud, use fresh water with high pressure. Proposed abrasive rasp degree is generally Sa2 ½ . If the conditions in the location would not allow you to work with this degree, you may carry out the cleaning on St2 degree as well. (ISO 8501-1: 1998)

APPLICATION TEMPERATURE: For avoiding the humidity to condense on the surface, surface temperature should be at least 3°C more than dew point temperature.

APPLICATION METHOD : with airless gun, brush or roller
Suggested nozzle diameter is 0,17 – 0,21 inches and pressure is 150bar/2175 psi

APPLICATION : After mixing properly, the paint should be thinned down to be applied with solvent. In order to ensure homogeneity, the thinned down product should be regularly mixed. More attention should be given when painting welding joints, ends, sharp spots, corners, screwed and clinched parts. The thickness should be measured without damaging the film during application, by using a proper dry film measuring device. 70 micron wet film thickness is approximately equivalent to 40 micron dry film thickness. Minor application mistakes should be redone with spray. Suggested thickness for dry film application is between 40 to 80 microns. 30-60 minutes break in 20°C is necessary between two coat applications. Waiting period between coats may vary according to environmental conditions.

DRYING TIME : Considering 20⁰ C and 65% of relative humidity rate:

Non- dust holding Drying	Dry to Handle	Assembly Drying	Mechanical Drying
Approximately 10 minutes	Approximately 1 hour	Approximately 6-8 hours	Approximately 3 days
If oven-dried 30 minutes in 80°C would suffice.			

PAINTED AREA : It covers 13-14 m²/lt area with 40 micron dry film thickness.

SAFETY WARNINGS : Keep out of reach of children. Store in a cool place, best between 10 - 25 ⁰C. Upon contact with eyes, wash with water and consult a doctor. If swallowed, immediately consult a doctor.

DANGER WARNINGS : Injurious to health when swallowed.