Modern Chemical Industries, S.A.E.
Paints · Coatings | Corniche Embaba, Al Warraq, Giza, Egypt | Established 1978

SOLID FRRS

Solvent-Based Chlorinated Rubber Fire-Retardant Paint — Solid Special-Products Line

PRODUCT DESCRIPTION

Solid FRRS is a fire-retardant paint based on chlorinated rubber with a flammable solvent. It complies with German specification DIN 53382 and A.S.T.M.

KEY FEATURES

- Very high fire-retardant performance
- Very high adhesion
- Good flow and easy to use

RECOMMENDED USES

- Wood surfaces
- Steel surfaces
- Concrete surfaces

SURFACE PREPARATION

The surface should be dry and clean, free from dirt, oils, and greases.

TECHNICAL & PHYSICAL PROPERTIES

Property	Value
Color	White, or other colors
Finish	Matt
Specific Gravity	1.15 g/cm³
Solids Content by Volume	43 - 45%
Theoretical Spreading Rate	6 m²/kg (at 60-micron dry film thickness)
Wet Film Thickness	135 microns
Dry Film Thickness	60 microns
Shelf Life	24 months in closed original cans, stored in ideal conditions

APPLICATION GUIDELINES

Parameter	Recommendation
Application Method	Brush and roller (for small areas)
Thinning	Xylene
Thinning	5 - 10%

DRYING TIME

Stage	Value
Surface Dry	15 minutes (at 25°C and 60% relative humidity)
Complete Dry	3 hours (at 25°C and 60% relative humidity)
Time to Recoat (Minimum)	3 hours (at 25°C and 60% relative humidity)
Time to Recoat (Maximum)	No limit

To obtain a one-hour fire-resistant paint, apply at 600 microns dry film thickness or 1000 microns wet film thickness. The next layer shall be repainted 180 minutes after the first layer, and so on.

STORAGE

Store in a cool, dry, well-ventilated place, away from direct sunlight, heat sources, extreme temperatures, and all sources of ignition. Keep containers tightly closed when not in use. Do not return unused material to its original container, to avoid contamination.

HEALTH & SAFETY

- FLAMMABLE LIQUID. Keep away from heat, sparks, open flames, and all other sources of ignition. No smoking during application or storage.
- Vapours are heavier than air and may accumulate at floor level. Ensure thorough ventilation at low level during application and drying.
- Observe all warning and precautionary labels displayed on the container.
- Avoid inhalation of vapour and spray mist. Wear a suitable respirator, overalls, gloves, and goggles.
- Avoid skin and eye contact. In case of eye contact, flush immediately with plenty of clean running water and seek prompt medical attention.
- Keep out of reach of children.
- Do not empty into drains or watercourses. Dispose of waste and contaminated materials in accordance with local regulations.
- A Safety Data Sheet is available for this product and should be consulted for full handling and disposal information.

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.