

INCOMBUSTIBLE PRIMER -STOFIRE FLASH PRIMER



This paint is a one-component paint that consists of heat-curing PVDF fluorine resin and acrylic resin. This STOFIRE top coat primer is designed to offer satisfactory rust resistance, adhesiveness and mechanical properties.

Usage

Incombustible top coat primer for metallic interior materials within buildings

Specification

Paint type	PVDF fluorine resin / Acrylic / Epoxy		
Product features	<ol style="list-style-type: none"> 1. Stofire top coat primer paint composed of pigments with superior rust resistance 2. Superior mechanical properties including adhesiveness and salt spray resistance 		
Exterior	Liquid with white or other color	Applied materials	Ferrous and non-ferrous metals
Specific gravity (25 °C)	1.20 ± 0.05	Recommended thickness	10 - 15 μm
Viscosity (KU/25 °C)	70 ± 5	Drying conditions	Drying conditions 180 - 200°C
Dilution ratio	Within 20 - 40 %		Drying time
Thinner	NSS-90	Shelf life	12 months
Dilution viscosity (FORD #4/20 °C)	19 ± 2 seconds (Air spray, electrostatic spray)	Recommended top coat	Stofire

How to Use

Surface treatment	<ol style="list-style-type: none"> 1) Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2) For steel materials(CR, EGI, GI), apply zinc phosphate chemical conversion coating. 3) In case of aluminum and nonferrous metals, apply chromate pretreatment before painting.
Coating Method	<ol style="list-style-type: none"> 1) Dilute the base and designated thinner appropriately to 20 - 40 % according to the painting line conditions and stir it well for at least 5 minutes. 2) Please filter out dust or impurities with 300 mesh paint strainer to prevent poor appearance. 3) Paint sufficiently to make sure that the dry film thickness is 10 - 15 μm and paint several times rather than painting all at once if conditions permit. 4) Force dry in 180 - 200°C for more than 20 minutes after 5-10 minutes of set time. Adhere to the drying conditions as overbaking may result in deterioration of painted surface such as yellowing and defective gloss. 5) When painting the top coat on the primer surface, paint using the WET-ON-WET method and then dry it. (Dry according to the drying conditions of the top coat paint after performing primer+top coat system painting.) 6) You must grind the previously coated surface with the sandpaper to increase adhesiveness during re-painting before performing the system painting (primer, top coat).

▶ This data sheet is based on the test results and experiential bases of NOROO but may change without notice for consistent quality improvement.