

SYNTOX-FA Primer

DESCRIPTION

SYNTOX-FA Primer is a 2K (Two Components) anticorrosive epoxydic primer, polyamide cured and having rust inhibiting pigments.

Hard films with high protecting properties are obtained with **SYNTOX-FA Primer**.

COMPONENTS

COMPONENT A: **SYNTOX-FA Primer Resin**
 Mixture of pigments, resins and organic solvent-based additives

COMPONENT B: **SYNTOX-FA Primer Catalyst**
 Catalyst Additives Dissolution

APPLICATIONS

SYNTOX-FA Primer is suitable for the protection of metallic surfaces, porous and non-porous substrates as well as coating for galvanized metal, aluminium, stainless steel, polyesters, light alloys, zinc, etc and food service atmosphere.

PROPERTIES

1. Good adherence, hardness, coating and anticorrosive power. Does not contain plumb or chromates.
2. Excellent chemical resistance to organic or inorganic acids.
3. Very good layer penetrating property that improves the finishing appearance.
4. Solids content in standard product is 63% approximately.
5. Available colours: Grey R/7037-7044; Green R/6019; white and beige.

COMPONENTS CHARACTERISTICS

Characteristics	Unit	SYNTOX-FA Primer Resin	Catalyst SYNTOX-FA Primer
Specific gravity 25°C	g/cm ³	1.474	0.921
NVC	%,weight	64.9	30.1
Flash point	°C	25.5	30.2

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SYSTEM CHARACTERISTICS

- A / B mixing ratio : 100 / 25 in weight

Characteristics	Unit	SYNTOX-FA Primer Resin
Specific gravity	g/cm ³	1.316 (1L \cong 1.32 Kg)
Brookfield Viscosity - spindle 6 – 100 rpm	Cps	80
Extensibility ASTM	%	100
Finishing		Silky matt
Gloss	%	8-10
Drying, to touch at 23°C	Hour	2
Coating yield, according to surface conditions	m ² /Kg	8-9
Layer thickness	Micron	4-50 (each coat)
Recoating range (minimum)	Hour	8
Mixture pot life term	Hour	6

NOTE:

- For practical yield calculations the product loss percentages due surface irregularities, applications systems, etc. should always be considered.
- Solvent additions proportionally modify the solids content of the paint and so the necessary humid film thickness.
- These technical characteristics are based on SYNTOX-FA Primer white. The Specific gravity, NVC, and ignition temperature could be modified by different colours of same product.

SUBSTRATE CONDITIONS

The surfaces should be clean and free of oil, grease, rust or any other contaminating substance.

New steel: Before the application of **SYNTOX-FA Primer**, the preferred surface preparation is abrasive blast clean to Sa 2; however, a mechanically abrade to Grade St-3 or a thoroughly manual degreasing could be accepted.

On non-ferrous and light alloys, proceed to degreasing or, if necessary, use a very light blasting in order to eliminate any kind of impurity and to provide a certain roughness to the surface and to enhance a greater adherence.

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Argent 3 - 08755 Castellbisbal (Barcelona)
 Tel. (34) 93 6821300 – Fax (34) 93 6820975
www.synthesia.com / cservice@synthesia.com



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On substrates that have already been exposed to contaminated environments for a certain time, it is recommended to carefully clean the surface with high pressure clean water before overcoating.

PRODUCT APPLICATION

Homogenise the product before use. Use paintbrush, roller or airless spray gun and ensuring well ventilation is available in closed places.

It could be applied on new substrates and rusted metal substrates that have been previously brushed.

The obtained yield would depend on the substrate characteristics, the application system and the ambient conditions.

Eliminate the possible humidity condensation on the substrate to be treated before the application of **SYNTOX-FA Primer**.

It is important that the application is carried out at temperature over 5°C on substrates that may be at dew point temperatures in order to avoid condensations.

DISOLVENTE1-FA should only be used as diluent. DISOLVENTE2-FA is the suitable cleaning diluent.

STORAGE RECOMMENDATIONS

Store the product containers perfectly closed and protected against freezing and direct sun light. Under these storage conditions and at temperatures between 5°C - 40°C the product has a shelf-life of no less than one year if unopened.

SAFETY RECOMMENDATIONS

Toxic by inhalation and if swallowed: danger of serious irreversible effects. Avoid direct skin contact and splashes on eyes. Use suitable personal protection equipment during the application. Follow the recommendations provided in the Material Safety Data Sheet (**MSDS**) of the product.

SUPPLY

SYNTOX-FA Primer is supplied in steel drums of 750 cm³, 5 kg and 20 kg.