OASPRIMER 185 — Technical Data Sheet

One component metal primer

DESCRIPTION

OASPRIMER 185 is a one-component solvent-based anticorrosive primer for iron, steel, and corrugated steel sheet with excellent adhesion and good corrosion resistance. It is ready to use at ambient temperature without additional stirring.

PRODUCT HIGHLIGHTS

- Excellent adhesion and corrosion protection for iron, aluminum, and steel
- Fast dry
- Simple and time-saving application

RECOMMENDED USES

- Primer for metal surface
- Primer for waterproofing coat of outdoor metal-roofs

APPLICATION

- Tool: roller, painter and spray.
- Surface must be clean and dry. Remove dust, grease, rust and loose painting to ensure the performance of protection from the primer.
- Do not apply on humid weather and rainy day.
- Second coat cannot be applied until the first coat is complete dry.
- Consumption is 0.15-0.2 kg per square meter.

TYPICAL PROPERTIES

Item	Property
Appearance	Clear liquid with light yellow
Consumption	0.15-0.2 kg/m^2
Viscosity	10~100 mPa·s (25°C)
Tack free time	Under 2 hrs (25°C)
Recoating interval	6 hrs above (25°C)
Curing	7 days above (25°C)
Resistance to salt spray	240 hrs

PHYSICL PROPERTIES

Property	Result	Test method
Adhesion for iron	5B	ASTM D3359
Adhesion for corrugated steel sheet	5B	ASTM D3359

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**Porosity and texture of the surface will affect the amount of material necessary for effective treatment. The consumption is a guide for estimating total material requirements. Always perform a test area to determine proper application rate.

SYSTEM BUILD UPS

OASGUARD

- Primer **OASPRIMER 185**
- Finishing layer **OASLASTIC TC-172**

PACKAGING & STORAGE

OASPRIMER 185 is available in 16 kg.

- The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 0°C and +25°C. Higher storage temperatures may reduce shelf life of product.
- Store under cover out of direct sunlight and protect from extremes of temperature.
- Shelf life: See label on the package according to the above conditions.

LIMITATION

- Do not apply to wet, contaminated or friable substrates.
- The temperature below $15^{\circ}C$ will retard the curing.
- Thickness cannot be exceeded 1 mm per coat in case to prevent the blister on the surface.
- The coverage will depend on the condition of the surface.