

OROPRIMER 490

EPOXY HIGH SOLIDS PRIMER

Reticulate by mixing 6 : 1 by volume with **OROCAT 790** or **OROCAT 749** catalyst

Two-component epoxy primer. Product of great hardness and chemical resistance. Especially indicated as first hand for metallic hydrocarbon deposits. Thanks to its high solids content, it allows the application of thicknesses greater than 100µm, generating a great barrier effect that, together with the action of its antioxidant pigments, prevents the corrosion of the substrate. Its use as a thick intermediate layer is also recommended.

Physical parameters	Primer OROPRIMER 490	Catalyst OROCAT 790
Viscosity (Brookfield sp6 10rpm)	7000 – 10000 cpoise	1500 – 3000 cpoise
Specific gravity	1,80 – 1,90 g/mL	0,98 – 1.02 g/cc
Solids	90%	93 - 96%
In-can appearance	Viscous liquid	Viscous liquid
Stability (without opening the can)	12 months at 10 – 25°C	12 months

Characteristics of the mixture	
Mixture ratio	6:1 in volume (OROPRIMER 490: OROCAT 790 or OROCAT 749)
Mixture viscosity	-"
Mixture specific gravity	1,60 – 1,70 g/mL
Sólidos de la mezcla	90 – 95%
Colour	Grey, Oxide Red
Dry film appearance	Matt film with good adhesion and resistance
Spreading rate	4 – 5 m ² / kg (190 – 280 g/m ²)
Gloss	50 – 70%
Adhesion by traction	>2 MPa
Hardness persoz	>200 s
Mixture Pot life	30 – 40 minutes

Product use information	
Surface	Iron, Plaster
Surface preparation	The metal surface must be dry, degreased, clean and free of rust.
Product preparation	Do not apply at temperatures below 10°C. Before applying, homogenize the product well with a spatula. Make the mixture with the catalyst (by weight) of 6 parts of OROPRIMER 490 (Base) with 1 part of OROCAT 790 (Polyamide catalyst) or OROCAT 749 (Aliphatic polyamine catalyst)
Application method	Brush, Roller, Pneumatic gun
Dilution	Until 10% ORODIS 718
Application	1 dry hand 100-150 µm Before use: Homogenize the product and temper it. Do not apply at temperatures below 10°C.

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Drying	Touch drying time: 5 – 7 hours Total dry: 7 – 10 days The drying time is greatly influenced by the grammage, the type and condition of the support and the environmental conditions.
Recoatable	24 hours
Cleaning	ORODIS 718

Application process	Primer	Intermediate	Top coat
Iron, Steel	OROPRIMER 490		OROMEL 647
Iron, Steel	OROPRIMER 485	OROPRIMER 490	OROMEL 644

Additional information	
Safety	Consult package labelling. For further information, ask for the Material Safety Data Sheet
Storage	1 year

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