



Reference	E102
Description	Two-component epoxy high solids primer and finish coat based on micaceous iron oxide.
Recommended use	High-grade anticorrosion protection of steel structures in industrial and marine conditions. Suitable for immersion applications in salt, brackish water and seawater. Can be applied in high film thicknesses. APECOAT HS MIO E102 is applied as a primer and finish coat in epoxy polyurethane systems. <u>Remark:</u> Epoxy finish coats will chalk and change colour when they are exposed to weathering.
Composition	Epoxy-Polyamine-Micaceous Iron Oxide
Support	Steel
Colour	Grey

TECHNICAL INFORMATION AT 20°C AND 60% RH

Density ± 1.670 kg/l

Drying time Drying time (15µ dry)

Dust free	Tack free	Recoatable	
		Minimum	Maximum
3 hours	7 hours	8 hours	7 days

Mixing ration By weight: 86/14

Dry weight volume ± 81%

Theoretical coverage For 150µ dry: 5.4 m²/liter

VOC 154 g/liter

The values in this technical data sheet are typical values and can differ from batch to batch.

RECOMMENDED USE

Recommended thickness	Application method	Roller	Brush	Airless
	Dry (μ)	80-120	80-120	100-250
Thinner	Thinner 118	Roller	Brush	Airless
	%	0-3	0-3	0-5
Cleaner	Thinner 118			
Temperature substrate	+ 3°C above dew point			
Relative humidity and temperature	Maximum 85% RH Minimum +5°C			
Processing time	3 hours			

SUBSTRATE

Preparation	Steel Remove any grease and contaminants, grit blast to Sa 2.5 with adequate roughness and remove dust from the substrate.
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SYSTEM: EXAMPLE

1° coat	Apecoat HS MIO E102	200μ
2° coat	Apecoat HS MIO E102	200μ

SAFETY DATE

Packaging	25kg
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See MSDS for further information.

SHELF LIFE

Shelf life	24 months in original and sealed containers in a dry, covered storage space – temperature between 5 and 35 °C.
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