

Acrydur Primer 7021 ES 22159



Reference	22159
Description	Two component polyurethane satin glossy topcoat for steel.
Recommended use	Polyurethane topcoat for the protection of steel structures. Good mechanical properties. Good exterior resistance. Good resistance against water and light chemical products. Can be applied electrostatically. Ready to use. ACRYDUR FINISH ES 22159 is used as a topcoat in high performance polyurethane systems..
Composition	Aliphatic polyurethane based on acrylic resin. Aromatic hydrocarbons. Acetates.
Support	Steel + Acrydur Primer grey ES 22158
Colour	RAL 7021

TECHNICAL INFORMATION AT 20°C AND 60% RH

Density Base 1.55 ±0.05 kg/l
Mix: 1.40 ±0.05 kg/l

Drying time Drying time (40 µ dry)

Dust free	Tack free	Recoatable	
		Minimum	Maximum
60 min	3 hours	12 hours	3 days

Mixing ration By volume: 3 parts base + 1 part hardener 22154

Dry volume weight ± 53%

Theoretical coverage For 40µ dry: 13.3 m²/liter

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

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RECOMMENDED USE

Recommended thickness	Application method	Two component electrostatic gun
	Dry (μ)	40-50
Thinner	Thinner 95	Two component electrostatic gun
	%	Ready to use
Cleaner	Thinner 95	
Temperature substrate	+3°C above dew point	
Relative humidity and temperature	Maximum 80% Rh	
	Minimum +10°C	
Processing time	2 hours	

SUBSTRATE

Preparation	Steel
	The surface should be degreased and the impurities removed. Old, sound, well-adhering paints Remove contaminants, degrease and sand the surface. Remove any rust to St3 and touch up with a suitable primer. Always test compatibility of the old paint with the subsequent coat.
Maximum dry temperature	120°C

SYSTEM: EXAMPLE

1° coat	Acrydur Primer grey ES 22158	50-60 μ
2° coat	Acrydur Finish 7021 ES 22159	40-50 μ

SAFETY DATE

Flash point °C	Between 21°C and 55°C
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See MSDS for further information.

SHELF LIFE

Shelf life	12 months in original and sealed containers in a dry, covered storage space – temperature between 5 and 35 °C.
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