



<b>Reference</b>	22158
<b>Description</b>	Two component high solids polyurethane primer for steel.
<b>Recommended use</b>	Anticorrosion primer for the protection of steel structures. Good adhesion on steel. Good mechanical properties. Good exterior resistance. Good resistance against water and light chemical products. Can be applied electrostatically. Ready to use. ACRYDUR PRIMER ES 22158 is used as primer in high performance polyurethane systems.
<b>Composition</b>	Aliphatic polyurethane based on acrylic resin. Aromatic hydrocarbons. Acetates.
<b>Support</b>	Steel
<b>Colour</b>	Grey

## TECHNICAL INFORMATION AT 20°C AND 60% RH

**Density** Base 1.46 ±0.05 kg/l  
Mix: 1.34 kg/l

**Drying time** Drying time (50 µ dry)

Dust free	Tack free	Recoatable	
		Minimum	Maximum
45 min	60 min	1 hour	7 days

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

**Dry volume weight** ± 53%

**Theoretical coverage** For 50µ dry: 10.6 m<sup>2</sup>/liter

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

**RECOMMENDED USE**

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

**SUBSTRATE**

<b>Preparation</b>	<b>Steel</b> The surface should be degreased and the impurities removed. <b>Old, sound, well-adhering paints</b> 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.
<b>Maximum dry temperature</b>	120°C

**SYSTEM: EXAMPLE**

1 <sup>e</sup> coat	Acrydur Primer grey ES 22158	50-60 $\mu$
2 <sup>e</sup> coat	Acrydur Finish 7021 ES 22159	40-50 $\mu$

**SAFETY DATE**

<b>Flash point °C</b>	Between 21°C and 55°C
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See MSDS for further information.

**SHELF LIFE**

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