



PercoTop®

CS591

Epoxy HS High Build Coating

Features

- PercoTop® CS591 Epoxy HS High Build Coating is a high-build surface-tolerant 2K anti-corrosive paint based on epoxy resins.
- It has an excellent resistance against humidity, weather and mechanical load.
- Perfect corrosion protection for manually derusted surfaces (St3 according to DIN EN ISO 12944-4).

Product

CS591 PercoTop® Epoxy HS High Build Coating

Activator

CS572 PercoTop® Activator Epoxy HS High Build

Thinner

CS561 PercoTop® Thinner Special Epoxy

Colour

- approx. RAL 7001 silver grey

Substrates

- Steel and galvanised steel.
- PercoTop® EP Primer (CS382 or CS582).








For professional use only!

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Application

	Application viscosity DIN 4 mm at 20°C (s)	Thinner (%)	Spray nozzle (mm)	Pressure (bar)	Number of coats
 Gravity feed  Suction feed (High pressure spraying)	According to the advice of the Technical Representative.				
 HVLP (Low pressure spraying)	According to the advice of the Technical Representative.				
 Airless Airmix	mixing viscosity	0-5%	0.33-0.38	2.0-3.5 air ca. 80-120 material	2-4
 Pressure pot Membrane pump (High pressure spraying)	According to the advice of the Technical Representative.				
 Electrostatic	According to the advice of the Technical Representative.				
 Brush and Roll	According to the advice of the Technical Representative. With thin-gauge steel fabrications or structures of complex configuration, the nominal prescribed filmbuild may be difficult to achieve, therefore additional application might be needed.				



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Drying

Air drying Temperature	+5°C	+10°C	+20°C	+30°C
Dust dry	16 hrs	10 hrs	6 hrs	4 hrs
Dry to recoat	24 hrs	16 hrs	12 hrs	10 hrs
Dry to assemble	minimum 24 hours			

Recoatability

Recoatable	PercoTop [®] Topcoats.
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Product Data

	Solids (weight%) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 125 µm) (m ² /kg)	Theoretical material consumption (at 125 µm) (g/m ²)
4:1 (vol.) with CS572	80	1.37	4.0	249




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Remarks

	<ul style="list-style-type: none"> Stir well before use.
	<ul style="list-style-type: none"> During application object temperature must reach at least 3°C above dew point.
<p>Storage conditions</p>	<ul style="list-style-type: none"> Refer to the label on the original can.

<p>Safety</p> <ul style="list-style-type: none"> Consult the Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

<p>Information</p> <p>The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.</p> <p>This Technical Data Sheet supersedes all previous issues.</p>

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