

PercoTop®

CS581

MIO Epoxy Coating

Features

- PercoTop® CS581 MIO Epoxy Coating is a high-build 2K micaceous iron ore coating based on epoxy resins designed for the first topcoat on epoxy primers.
- Fast curing coating material.
- Application and curing is possible even with bad weather conditions.
- High-build robust intermediate coating on base coated steel.
- Primer with direct adhesion for galvanised constructions.
- Certificate according to 687.12; 687.13; 687.14 according to page 87 TL/TP-Kor-Stahlbauten.

Product

CS581 PercoTop® MIO Epoxy Coating

Activator

CS571 PercoTop® Activator Special Epoxy

Thinner

CS561 PercoTop® Thinner Special Epoxy

Colour

- DB 702 light grey

Substrates

- Hot-dip galvanised steel according to DIN EN ISO 1461 and other non-ferrous metals.
- 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	1-2
 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	4 hrs	3 hrs	2 hrs	1.5 hrs
Dry to recoat	16 hrs	12 hrs	8 hrs	6 hrs
Dry to assemble	minimum 16 hours			

Recoatability

Recoatable	PercoTop® Topcoats.
Remarks	Other systems on request.

Product Data

	Solids (weight %) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 80 µm) (m ² /kg)	Theoretical material consumption (at 80 µm) (g/m ²)
3:1 (vol.) with CS571	77	1.70	4.1	244




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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.
Storage conditions	<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. This Technical Data Sheet supersedes all previous issues.</p>
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