

PercoTop[®] MIO

2K MIO Topcoat

Features

- PercoTop[®] MIO 2K MIO Topcoat is a 2K iron mica topcoat based on polyacrylate resin.
- It has a typical gloss and effect formation and is equally suited for indoor and outdoor use.
- The topcoat has an excellent mechanical, chemical and weather resistance.

Products

Base Paint

PercoTop [®] MIO	PercoTop [®] MIO 2K MIO Topcoat
CS912	PercoTop [®] 2K MIO Binder
XXX	Tints

Activators

CS710	PercoTop [®] Activator VHS Fast
CS711	PercoTop [®] Activator VHS Standard

Thinners

CS610	PercoTop [®] Thinner Fast
CS620	PercoTop [®] Thinner Standard
CS600	PercoTop [®] Thinner Standard

Can be used as well:

CS702	PercoTop [®] Activator Fast
CS703	PercoTop [®] Activator UV-Resistance
CS704	PercoTop [®] Activator 3840 (outdoor)
CS705	PercoTop [®] Activator 4040 (indoor)
CS602	PercoTop [®] Thinner 2K
CS603	PercoTop [®] Thinner Fast

Colours

- Industrial and standard colour registers.
- DB Colours.

Substrates





- All properly flashed wet-on-wet PercoTop[®] primers.
- Steel (indoor use only) and FRP.

For professional use only!

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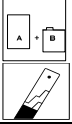


2K MIO Topcoat

Surface preparation

Substrates must be free from all contaminants.	
Apply to	PercoTop [®] Primer/Primer Surfacer or old paintwork.
	Thoroughly clean old paintwork.
Either	 Sand dry with orbital sander and dust exhaust P320-P500.
	or  Sand wet with sandpaper P600-P800.
	Before further treatment, carefully clean sanded areas once more to remove all dust, paint residues from sanding and other impurities.

VOC value ready for use (EU Directive 1999/13/EC)	
• < 520 g/l	10:1 by weight with CS710 + 20% CS610







Product preparation

	Mixing Ratio	PercoTop [®] MIO All activators given above.	Volume	Weight
			7	10
			1	1
	Thinner	CS610, CS620, CS600		
	Pot life at 20°C	Ready for use max. 8 hours. (depending on application viscosity and activator)		

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2K MIO Topcoat

Application

	Application viscosity DIN 4 mm at 20°C	Thinner	Spray nozzle	Pressure	Number of coats
	(s)	(%)	(mm)	(bar)	
 Gravity Feed	25	Approx. 20	1.5-1.6	2.5-3.0	2
 Suction Feed (High pressure spraying)	35	Approx. 10	1.7-2.0	2.5-3.0	1-2
 HVLP (Low pressure spraying)	25 35	Approx. 20 Approx. 10	1.5-1.6 1.7-2.0	2.0-2.5 2.0-2.5	2 1-2
 Pressure pot Membrane pump (High pressure spraying)	According to the advice of the Technical Representative.				
 Airless Airmix	According to the advice of the Technical Representative.				
 Electrostatic	According to the advice of the Technical Representative.				
Recommended dry film thickness	50-80 µm				

Drying

Air drying at 20°C	50 µm dry film thickness	
	With CS710	with CS705
Dust dry	Approx. 40 minutes	Approx. 30 minutes
Dry to handle	Approx. 2 hours	Approx. 1.5 hours
Dry to assemble	Overnight	Overnight

Forced drying	Flash time: approx. 10-15 minutes
Drying time	Approx. 30 minutes
Drying temperature	80°C object temperature

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Product data

	Solids Weight (%) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 50 µm) (m ² /kg)	Theoretical material consumption (at 50 µm) (g/ m ²)
White				
Packaged	77	1.74	-	-
Ready for use*	64	1.54	7	147
Black				
Packaged	75	1.69	-	-
Ready for use*	62	1.51	7	141

*at max. dilution


Remarks

	<ul style="list-style-type: none"> • Due to the dark colour of the micaceous iron oxide pigment, the binder has a dark colour. Bright colours (e.g. clean whites and yellows) will be greyer than the original colour. • Different additives can be used to adjust application properties by brush and roll (CS211) and drying properties (CS215). See separate info sheet and contact your representative.
	<ul style="list-style-type: none"> • Stir well before use.
	<ul style="list-style-type: none"> • Axalta recommends the customer should perform a quick colour-check of products before use.
Storage conditions	<ul style="list-style-type: none"> • Refer to the label on the original can.



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Note on safety:	
	This product is classified according to regulation (EC) 1272/2008 (CLP). Please consult the Safety Data Sheet. It is strongly recommended to use appropriate personal protection equipment during application.
	Observe the precautionary notices displayed on the container.

Information

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.

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