



PercoTop® EP

2K Epoxy Topcoat

Features

- PercoTop® EP 2K Epoxy Topcoat is 2K topcoat based on epoxy resin.
- For objects with extreme surface hardness and high mechanical and chemical resistance.
- Shows typical epoxy resin chalking and colour change with weather- and UV-exposure and is therefore mainly suited for indoor use.
- 3 gloss degrees possible.

Products

Base Paint

PercoTop® EP	PercoTop® EP 2K Epoxy Topcoat
CS980	PercoTop® 2K Epoxy Binder
CS201	PercoTop® Matting Agent 1K
XXX	Tints

Activator

CS780	PercoTop® Activator Epoxy
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Thinner

CS680	PercoTop® Thinner Epoxy
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Colours

- Industrial and standard colour registers.

Substrates

- Cured, solvent resistant, well preserved and scuff sanded original or old finish based on EP.
- PercoTop® primer surfacers based on EP.

For professional use only!

PercoTop[®] EP

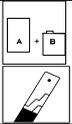
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Surface preparation

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)	
• ≤ 540 g/l	7:1 by weight with CS780 + 25 % CS680.

Product preparation

	Mixing ratio	PercoTop [®] EP CS780	Volume	Weight
			5	7
		CS680	1	1
	Pot life at 20°C	7-8 hours		
	Recommended dry film thickness	50-60 µm		

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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)	20-22	25-30	1.4-1.6	2.5-3.0	2
 HVLP (Low pressure spraying)	20-22	25-30	1.4-1.6	2.0-2.5	2
 Airless Airmix	28-40	10-20	0.23-0.28	2.5-3.0 air ca. 80-120 material	2
 Pressure pot Membrane pump (High pressure spraying)	20-22	25-30	1.1	2.5-3.0 air 1.0-1.5 material	2
 Electrostatic	According to the advice of the Technical Representative.				

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Drying

Air drying at 20°C	60 µm dry film thickness
Dust dry	1 hour
Dry to handle	4-6 hours
Dry to assemble	24 hours
Forced drying	Flash time: 30 minutes. Depending on film thickness.
Drying time	45 minutes
Drying temperature	60°C object temperature

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	61	1.17	-	-
Ready for use	48	1.09	9	114
Black				
Packaged	54	1.02	-	-
Ready for use	43	0.98	10	103

Remarks

	<ul style="list-style-type: none"> Different additives can be used to adjust application properties by brush and roll (CS211), drying properties (CS215), elastification (CS210), anti-cratering properties (CS213) and texturing (CS220-CS223). See separate info sheet and contact your representative. Refer to table 1 and 2 of specifications of industrial paint if chemical or heat resistance is required.
	<ul style="list-style-type: none"> Stir the mixture well after the weigh-out of the components. Stir CS201 (PercoTop[®] Matting Agent 1K) thoroughly each time before use in colour formulae, in order to secure reproducible gloss levels.
	<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:	
	<p>This product is classified according to regulation (EC) 1272/2008 (CLP). Please consult the Safety Data Sheet.</p> <p>It is strongly recommended to use appropriate personal protection equipment during application.</p>
	<p>Observe the precautionary notices displayed on the container.</p>

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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