



PercoTop®

CS805

2K HS Clearcoat

Features

- PercoTop® CS805 2K HS Clearcoat is a productive high solids clearcoat based on acrylic resins.
- It combines easy and fast application with a variety of application possibilities.
- It gives excellent flow and appearance and dries quickly.

Products

Base Paint

CS805 PercoTop® 2K HS Clearcoat

Activators

CS710 PercoTop® Activator VHS Fast
CS711 PercoTop® Activator VHS Standard
CS712 PercoTop® Activator VHS Slow

Thinners

CS610 PercoTop® Thinner Fast
CS620 PercoTop® Thinner Standard
CS630 PercoTop® Thinner Slow

Also possible:

CS640 PercoTop® Thinner Extra Slow
CS702 PercoTop® Activator Fast

Activators recommended for use with 2K mixing equipment

CS717 PercoTop® Activator HS Extra Slow
CS718 PercoTop® Activator HS Slow
CS719 PercoTop® Activator HS Standard
CS720 PercoTop® Activator HS Fast

Substrates

- All PercoTop® basecoats and topcoats (except PercoTop® KH).
- Other basecoats according to the advice of the Technical Representative.

For professional use only!

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Product preparation

VOC value ready for use (EU Directive 1999/13/EC)	
• < 430 g/l	3:1 by volume with CS711 + 10% CS620.

 Mixing ratio		Volume		Weight	
	CS805	3	2	3	2
	CS710/CS711/CS712 CS717/CS718/CS719/CS720	1	1	1	1
Thinner	CS610 CS620 CS630 CS640 <u>Remarks:</u> - Use CS610 on small objects at 15-25°C. - Use CS620 on medium sized objects at 20-25°C. - Use CS630 on large objects at 20-30°C. - Use CS640 on large objects when exceeding 30°C.				
 Pot life at 20°C	1-1.5 hours (depending on activator used)				

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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)	22-26	HS: 0-5 VHS: 10-15	1.3-1.4	2.5-3.0	1.5
 HVLP (Low pressure spraying)	22-26	HS: 0-5 VHS: 10-15	1.3-1.4	2.0-2.5	1.5
 Airless Airmix	30-35	HS: 0-5 VHS: 10-15	0.23	2.0-3.0 air ca. 80-100 material	1
 Pressure pot  Membrane pump (High pressure spraying)	22-26	HS: 0-5 VHS: 10-15	1.1	2.5-3.0 1.0-2.0 material	1.5
 Electrostatic	According to the advice of the Technical Representative.				
Recommended dry film thickness	50-60 µm				



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Drying

Air drying at 20°C	60 µm dry film thickness
Dust dry	20-30 minutes
Dry to handle	4-5 hours
Dry to assemble	16 hours

Forced drying	Flash time: 5-10 minutes. Depending on film thickness.
Drying time	20-30 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)
Packaged	58	0.98	-	-
Ready for use	57	1.01	10	98



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Remarks

	<ul style="list-style-type: none"> Stir well before use.
Storage conditions	<ul style="list-style-type: none"> Refer to the label on the original can.

Note on safety:	
	<p>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.</p>
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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