



PercoTop®

CS807

2K HS Power Clearcoat

Features

- PercoTop® CS807 Power Clearcoat is a versatile high solids 2K polyurethane clear coat. Its composition is based on acrylic resins.
- It is ideally suited for applications on large surfaces and on objects with complex geometries, thanks to its high sagging resistance and good overspray melt-in.
- Excellent resistance against graffiti removal agents can be achieved with a higher activation ratio.

Products

Base Paint

CS807 PercoTop® 2K HS Power 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

Gloss levels

- The standard finish is high gloss.
- Lower gloss levels as advised by the Axalta representative.

Substrates

- All Axalta basecoats.
- All Axalta 2K topcoats.
- Scuff-sanded old finish.

Surface preparation

Surface preparation

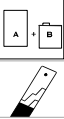


- Substrates must be free from all contaminants.
- Because of the variety of metal alloys and polymeric substrates, it is recommended to carry out a preliminary adhesion test. See data sheet "Metal Substrates - Treatment before Coating".

VOC value ready for use (EU Directive 1999/13/EC)








- < 420 g/l 3:1 by weight with CS711 + 10% CS620.

For professional use only!

Product preparation

	Mixing ratio	CS807 VHS activators: standard activation VHS activators: anti-graffiti	Volume		Weight	
			3 1	5 3	3 1	100 65
	Thinner	CS610 CS620 CS630 Remarks: - 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.				
	Pot life at 20°C	90 minutes				

Application

		Application viscosity DIN 4 mm at 20°C (s)	Thinner (%)	Spray nozzle (mm)	Pressure (bar)	Number of coats
	Gravity feed	20-22	10-15	1.4-1.5	2.0-2.5	1.5-2
	Suction feed					
(High pressure spraying)						
	HVLV	20-26	10-15	1.3-1.5	0.7	1.5-2
(Low pressure spraying)						
	Airless	30-35	0-5	0.23-0.28	2.0-3.0 air	1
	Airmix				ca. 80-100 material	
	Pressure pot	22-26	10-15	1.1	2.5-3.5 air	1.5
	Membrane pump				1.0-2.0 material	
(High pressure spraying)						
	Electrostatic	According to the advice of the Technical Representative.				
	Recommended dry film thickness	50-60 µm				

Technical Data Sheet

PercoTop®

CS807 2K HS Power Clearcoat



Drying


Air drying at 20°C	
Dust dry	80 – 90 minutes
Dry to handle	4 – 5 hours
Dry to assemble	Overnight
Forced drying	60° C object temperature
Flash-off	5-10 minutes
Bake	30 minutes

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	59	0.98	-	-
Mixed 3:1 with CS711 + 10% CS620	56	1.00	10.4	96

Remarks

Storage conditions	• Refer to the label of 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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