

Technical Data Sheet

PercoTop® PUR

2K MS Topcoat

Description

PercoTop® PUR is a 2K polyurethane topcoat.
Composition based on highly elastic polyester.

Products

PercoTop® PUR	PercoTop® PUR 2K MS Topcoat
CS920	PercoTop® PUR Binder
CS / PT	PercoTop® CS / IFL PT Tints
CS701	PercoTop® Activator Standard
CS702	PercoTop® Activator Fast
CS703	PercoTop® Activator LR Fast
CS704	PercoTop® Activator 3840
CS600	PercoTop® Thinner Standard
CS602	PercoTop® Thinner 2K
CS603	PercoTop® Thinner Fast

Colours

- Industrial and standard colour registers.
- Various gloss levels available in combination with CS204.
- 4 extra flattening levels can be retrieved from the ColourSolutions colour tool.

Properties

- High quality paint system for all coating jobs.
- Highly chemical and weather-resistant surface.

Substrates

- Cured, solvent resistant, well preserved and scuff sanded OEM or old finish.
- PercoTop® primers and PercoTop® primer surfacers

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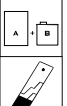



Surface preparation

- Substrates must be free from all contaminants.
- Sand surface:
 - a. dry with orbital sander and dust exhaust P320 - P500;
 - b. wet with sandpaper P600 - P800.
- Degrease before recoating.

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

- RAL 9010: 492 g/l 5:1 by volume with CS702 + 20 % CS600.
- RAL 9005: 492 g/l 5:1 by volume with CS702 + 20 % CS600.

Product preparation






	Mixing ratio	PercoTop [®] PUR CS702/CS703/CS704 CS701	Volume	Weight	Volume	Weight
			5	5	2	2
			1	1	-	-
			-	-	1	1
	Thinner	CS600 CS602 CS603				
	Pot life at 20°C	CS701	5-6 hours			
		CS702/CS703	4 hours			
		CS704	2-3 hours			
	Recommended dry film thickness	35-50 μ				

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Application

		Application viscosity DIN 4 at 20°C (s)	Thinner (%)		Spray nozzle (mm)	Pressure (bar)	Number of coats
	Gravity feed	20	CS701	0-5	1.3	4.0-5.0	2
	Suction feed (High pressure spraying)		CS702 CS703 CS704	20-25			
	HVLP (Low pressure spraying)	20	CS701 CS702 CS703 CS704	0-5 20-25	1.3	2.0-2.5	2
	Airless	25-30	CS702 CS703 CS704	15	0.23-0.28	2.0-3.0 air	2
	Airmix					Ca 100 material	
	Pressure pot	20	CS701 CS702 CS703 CS704	0-5 20-25	1.1	2.5-3.5 air	2
	Membrane pump (High pressure spraying)					1.0-2.0 material	
	Electrostatic	According to the advice of the DuPont Technical Representative.					

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Drying

Air drying at 20°C	40 µ dry film thickness
Dust dry	1 hour 30 minutes
Dry to handle	4-8 hours
Dry	24-30 hours

Forced drying	Flash time: 20 minutes. Depending on film thickness.
Drying time	35 minutes
Drying temperature	60°C object temperature
Remarks	Add CS215 to the basic paint to accelerate the drying of the product following recommendations from the DuPont Technical Representative.

Product data

Package viscosity	White: 60-70 s DIN 4 Black: 70-80 s DIN 4
Flash point	24°C



	Solids Weight (%) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 50 µ) (m ² /kg)	Theoretical material consumption (at 50 µ) (g/m ²)
White				
Packaged	64.4	1.49	-	-
Ready for use	66.3	1.21	8.9	112
Black				
Packaged	55.0	1.17	-	-
Ready for use	58.5	1.03	9.9	100

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Remarks

	<ul style="list-style-type: none">For structuring, brushing, elastifying, drying, anti-cratering: different additives can be added. See separate info sheet and contact your DuPont representative.
	<ul style="list-style-type: none">Material has to be at room temperature before use.Stir mixing pastes and binders thoroughly before use.Stir the mixture well after the weigh-out of the components. Stir CS204 (PercoTop[®] 2K Matting Agent) thoroughly each time before use in colour formulae, in order to secure reproducible gloss levels.
	<ul style="list-style-type: none">DuPont is not responsible for colour-matching in the end-application by the customer, in particular if the customer applies products from different batches. The customer should perform an inspection related to the colour of products before taking the products into use.
Storage conditions	<ul style="list-style-type: none">Material has to be stored at room temperature (5-35°C)
Shelf life at 5°C to 35°C	<ul style="list-style-type: none">Refer to the label on the original can.

Safety

Consult the Safety Data Sheet prior to use.
Observe the precautionary notices displayed on the container.

Information

The purchaser of the Product acknowledges and understands that the application disclosed by the purchaser for the Product is non-standard and accordingly Axalta Coating Systems makes no warranty as to the Products suitability for said application.

Purchaser acknowledges and agrees that he/she accepts full responsibility for the use of the Product, and will establish appropriate substrate preparation procedure, coatings maintenance program and performs his/her own testing to assess the suitability of the Product for the intended purpose. The Purchaser agrees that Axalta Coating Systems shall be under no liability to the purchaser or any other organisation, and the purchaser releases and discharges Axalta Coating Systems from any loss or damage (including but not limited to direct or indirect or consequential loss) or loss of profit caused by or arising out of or relating to or incidental in any manner to the supply of the Products. The Purchaser agrees that it has been given the opportunity to conduct all such enquiries and investigations with respect to the Product as it deems necessary and appropriate.