

Technical Data Sheet

PercoTop® Acryl 100

2K MS Topcoat

Description

PercoTop® Acryl 100 is a high quality, medium solids, 2K topcoat system.
Composition based on acrylic resin.

Products

XXX	Tints
PercoTop® Acryl 100	PercoTop® Acryl 100 2K MS Topcoat
CS950	PercoTop® Acryl 100 Binder
CS204	PercoTop® 2K Matting Agent
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

- Very good tension
- High UV-resistance.

Substrates

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

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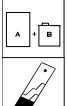

Surface preparation

- 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. Use CS410 on PVC and powder coated substrates.

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

- RAL 9010: 548 g/l 2:1 by weight with CS701 + 25 % CS600.
- RAL 9005: 584 g/l 2:1 by weight with CS701 + 25 % CS600.

Product preparation







	Mixing ratio	PercoTop® Acryl 100 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 CS702/CS703 CS704	5-6 hours			
			2-3 hours			
			4 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	25-30	1.3	4.0-5.0	2
	Suction feed					
(High pressure spraying)						
	HVLP	20	25-30	1.3	2.0-2.5	2
(Low pressure spraying)						
	Airless	25-30	15-25	0.18	2.0-3.0 air	2
	Airmix				Ca 100 material	
	Pressure pot	20	25-30	1.1	3.5-5.0air	2
	Membrane pump				0.5-2.0 material	
(High pressure spraying)						
	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
Dry to handle	4-6 hours
Dry	72 hours

Forced drying	Flash time: 10 minutes. Depending on film thickness.
Drying time	30 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: 70-80 s DIN 4 Black: 90-110 s DIN 4
Flash point	12.5°C



	Solids Weight (%) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 40 µ) (m ² /kg)	Theoretical material consumption (at 40 µ) (g/m ²)
White				
Packaged	62.8	1.19	-	-
Ready for use with CS702/CS703	64.9	1.17	9.0	111
Black				
Packaged	53.3	0.98	-	-
Ready for use CS702/CS703	57.0	1.00	10.1	99

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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.



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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 DuPont cannot anticipate all variations in actual end-use conditions DuPont 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.

This Technical Data Sheet supersedes all previous issues.

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