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PercoTop® PUR 2K MS Topcoat

GENERAL

PRODUCT FEATURES

- PercoTop® PUR 2K MS Topcoat is a 2K topcoat based on acrylic and polyester resins.
- It has an excellent mechanical and chemical resistance.
- The topcoat is easy to apply.
- 5 gloss levels: high gloss to matt.
- Colours : Industrials and standard colour registers

For professional use only!

MIXING

COMPONENTS

PercoTop® PUR 2K MS Topcoat

CS920 - PercoTop® 2K PUR Binder

CS204 - PercoTop® 2K Matting Agent

CS0XX - PercoTop® Tints

ACTIVATORS

CS703 PCT ACTIVATOR UV RESISTANCE

CS710 PCT ACTIVATOR VHS FAST

CS711 PCT ACTIVATOR VHS STANDARD

CS712 PCT ACTIVATOR VHS SLOW

CS701 PCT ACTIVATOR STANDARD
Optional

CS702 PCT ACTIVATOR FAST
Optional

CS704 PCT ACTIVATOR 3840
Optional

THINNERS

CS610 PCT THINNER FAST

CS620 PCT THINNER STANDARD

CS630 PCT THINNER SLOW

CS600 PCT THINNER STANDARD

CS602 PCT THINNER 2K

CS603 PCT THINNER FAST
Optional

MIX RATIO

		Volume	Weight
Mixing Ratio	PercoTop® PUR with MS - CS701	2 : 1	2 : 1
	PercoTop® PUR with VHS - CS702/CS 704/CS710/CS711/CS712	5 : 1	5 : 1
Thinner	CS610 / CS620 / CS630 / CS600 / CS602 / CS603		

POT LIFE

5-6 hours at 20°C with CS701.
2-3 hours at 20°C with CS702/CS703/CS710/CS711.
4 hours at 20°C with CS704/CS712.

APPLICATION

SUBSTRATES

All PercoTop® Primers, Primer Surfacers and Surfacers.
Cured, solvent resistant, well preserved and scuff sanded old finish.

SURFACE PREPARATION

Substrates must be free from all contaminants.
Because of the variety of metal alloys and manufacturing processes, it is recommended to carry out a preliminary adhesion test.

SPRAYGUN SETUP

	Application Viscosity DIN 4mm at 20°C [s]	Thinner [%]	Nozzle Size [mm]	Spray Pressure [bar]	Number of Coats
Gravity Feed & Suction Feed	19-21	MS:0-5 VHS: 20-25	1.3-1.4	2.5-3.0	2
HVLP	19-21	MS:0-5 VHS: 20-25	1.3-1.4	2.0-2.5	2
Airless Airmix	25-30	MS:As mixed VHS:10-15	0.18-0.23	2.0-3.0 (air) 80-120 (material)	2
Pressure Pot & Membrane pump	20-22	MS:0-5 VHS : 20-25	1.1	2.5-3.0 (air) 1.0-1.5 (material)	2
Electrostatic				Refer to remark section	

APPLICATION INSTRUCTIONS

Different additives can be used to adjust application properties by brush and roll (CS211), drying properties (CS215), elastification (CS210) and texturing (CS220-CS223).
Remarks Electrostatic :According to the advice of the Technical Representative

RECOMMENDED FILM THICKNESS

35-50µm

TIPS FOR SUCCESS

- Stir well before use
- recommends the customer should perform a quick colour-check of products before use.

DRY TIMES

AIR DRYING

Air Drying	at 20°C 40 µm dry film thickness
Dust Free	90 minutes
Dry to Handle	4-8 hours
Dry For Assembly	24-30 hours

FORCE DRYING

Force Drying	Flash time: 20 minutes. Depending on film thickness. Drying time: 35 minutes Drying temperature: 60°C object temperature

TIPS FOR SUCCESS

Stir CS204 - PercoTop® Matting Agent 2K thoroughly each time before use in colour formula, in order to secure reproducible gloss levels.

SANDING, COMPOUNDING, POLISHING

POLISHING

- Sand dry with orbital sander and dust exhaust P320 - P500.
- Sand wet with sandpaper P600 - P800.

TIPS FOR SUCCESS

Before further treatment, carefully clean sanded areas once more to remove all dust, paint residues from sanding and other impurities.

PHYSICAL PROPERTIES

All Values Ready To Spray

White

Weight [% Solids] (+/-1)	Packaged: 61 Ready for use: 53
Density [kg/l] (+/- 0.01)	Packaged: 1.20 Ready for use: 1.13
Theoretical Coverage [m²/kg]	Ready for use 9 m²/kg at 50 µm
Theoretical Material Consumption [g/m²]	Ready for use (at 50 µm) : 112 g/m²

Black

Weight [% Solids] (+/-1)	Packaged: 54 Ready for use: 48
Density [kg/l] (+/- 0.01)	Packaged:1.01 Ready for use: 1.00
Theoretical Coverage [m²/kg]	Ready for use 10 m²/kg at 50 µm
Theoretical Material Consumption [g/m²]	Ready for use (at 50 µm) : 100 g/m²

STORAGE AND HANDLING

VOC INFORMATION

<540 g/l 5:1 by weight with CS702 and 20% CS600 (norm EU DIRECTIVE 2004/42/EC)

STORAGE CONDITIONS

Refer to the label on the original can.

SAFETY AND HANDLING

Prepared for industrial use. End users may also apply the product by following the Aktif Color application guide and all product-label and SDS safety precautions. If mixed with other components, the mixture will have the hazards of all components.

Application guide: aktifcolor.com/pvc-boyasi-uygulama-rehberi/

For Aktif Color PVC paint, a five-year material warranty applies under the published warranty conditions, subject to correct surface preparation and application; labour is excluded.

Warranty conditions: aktifcolor.com/garanti-kosullari/

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