

DX1048

2K VOC CLEAR COAT

Description

2-component, VOC compliant clear. Suitable in various application conditions. Composition based on a special acrylic polyurethane copolymer.

Products

DX1048	2K VOC Clear Coat
DX1020	HS Activator
DX1024	HS Activator Fast

Properties

- Has excellent mar, chemical and weather resistance and gives a long lasting high gloss finish.
- Has excellent polishability.
- Can be used for spot, panel and overall repair.
- VOC compliant, conform with directive 2004/42/EC.

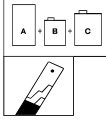







Substrates

- Basecoat.
- All cleaned and sanded OEM finishes (not recommended on thermoplastic acrylic finishes).

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PRODUCT PREPARATION

	Mixing ratio DX1048 DX1020 DX1024	Standard		Fast	
		Volume	Weight	Volume	Weight
		2	100	2	100
		1	51	-	-
		-	-	1	51
	VOC 420 g/l				
	Pot life at 20°C 1 hr.				
	Spray viscosity at 20°C DIN 4 FORD 4 AFNOR 4	21-23 s 22-24 s 24-27 s			
	Spray equipment Conventional guns Gravity feed Suction feed Pressure feed Compliant guns (HVLP/HTE) Gravity feed Suction feed Pressure feed	Fluid tip	Distance	Pressure	
		1.4-1.6 mm 1.6-1.8 mm 1.0-1.2 mm	15-20 cm 15-20 cm 15-20 cm	3-4 bar 3-4 bar 3-4 bar	
		1.2-1.4 mm 1.5-1.6 mm 1.0-1.2 mm	10-15 cm 10-15 cm 10-15 cm	According to supplier's specifications	
	Number of coats 2				
	Flash time 5 min between coats. 5-10 min before bake.				
	DFT 60-70 μ				
	Drying Dust-free Dry to handle Tape-free	DX1020		DX1024	
		20°C 2 hr 8 hr O.N.	30 min x 60°C imm. 30 min 1 hr 30 min	20°C 1 hr 6 hr O.N.	25 min x 60°C imm. 30 min 1 hr 30 min
	IR drying* Flash time Distance Half power Full power	5 min 80 cm 5 min 15-20 min		* Guideline for short/medium wave IR equipment.	
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.					

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RECOMMENDED USE

Clearcoat application

When the basecoat is completely flat, apply DX1048 in 2 coats with 5 min flash between coats.

Chemical resistance

When fully cured, DX1048 is resistant to short exposures of the chemicals as listed:

sodium hydroxide	20 %	battery acid
sulphuric acid	25 %	toluene
hydrochloric acid	20 %	xylene
phosphoric acid	20 %	glycol
ammonia	10 %	brake fluid, petrol

Equipment cleaning

Use a correct solventborne gunwash.

Recoatibility

At any time after tape-free time. After 24 hr, scuff sanding is required.

Remarks

- DX1024 is recommended for spot/panel repair only.
- Close can of activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- Activated material should not be returned to original can of non-activated material.
- Material has to be at room temperature (18-25°C) before use.

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RECOMMENDED USE (con'd)

Product data

Package viscosity:	250 cp
Theoretical coverage:	7.8 m ² /l at recommended DFT - ready-to-spray
Directive 2004/42/EC:	The EU limit value for this product (product category: IIB(d)) in ready to use form is maximum 420 g/l of VOC. The VOC content of this product in ready to use form is maximum 420 g/l.

Products	Packages (l)	Shelf life at 20°C (year)	Density (kg/l)
DX1048	1	4	0.997
DX1020	0.5	3	1.007
DX1024	0.5	3	1.007

Safety

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