

CLEAR COAT HS/R NEW

CLB-03.077

CHARACTERISTICS:

High solid anti-scratch two-package clear coat. Due to ultra-fast drying technology and outstanding initial hardness, it saves repair time and energy. Easy application ensures a good-looking and high-gloss coating. Can be applied over solvent- and waterborne base coats.

APPLICATION:

Measure out the A+B mixture by volume: 2 parts of clear coat (A) and 1 part of hardener (B), then mix thoroughly. Apply with a spray gun with a nozzle diameter of 1.3 mm in 2 normal coats with a 4 - 6 minute break for the solvents to evaporate before applying another coat. To reduction viscosity it is recommended to use thinner CDL-07.037 of up to 10% vol. on component A.

TECHNICAL DATA:

VOC 2004/42/IIIB(e)(840) max. 840 g/l

Clear coat CLB-03.077:





Shelf life: 12 months Density (20°C): 0.97 – 0.99 g/cm³ Colour: colourless/slightly yellow

Hardener CDL-04.076:

Shelf life: 12 months Density (20°C): 0.99 – 1.01 g/cm³ Colour: colourless/slightly yellow

Thinner for clear coat HS/R NEW CDL-07.037:

Shelf life: 24 months Density (20°C): 0.87 – 0.89 g/cm³ Colour: colourless

MIXING RATIO					
	-	by volume		by weight	
	Clear coat (A)	2		100	
	Hardener (B)	1		51	
	Thinner (C)	0 - 10% vol. on component A		0 - 9% wt. on component A	
SPRAYING VISCOSITY					
	DIN cup 4 mm at 20°C	15 - 17 s			
APPLICATION					
	Gravity feed spray gun	nozzle		pressure	
		1.3 mm		operating pressure according to spray gun manufacturer's recommendations	
	Application	number of layers	flash-off time		dry film thickness
			between coats	before baking	
		2	4 - 6 min	10 min	50 - 60 µm
Recommended process conditions		temperature 18 - 22°C, relative air humidity 40 - 60%			
Theoretical efficiency		8.5 - 10.5 m ² /l			
Pot life at 20°C		100 min			

Chemical Alliance Polska Sp. z o.o.



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NIP 781 16 87 419, REGON 634159570, Kapitał Zakładowy 2.000.000,00 PLN

Sąd Rejonowy w Szczecinie XVII Wydział Gospodarczy KRS 0000003186, Certyfikat ISO 9001/ ISO 14001/ PN-N 18001

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DRYING TIMES					
	Object temperature	20°C	40°C	50°C	60°C
	Dry to polish	2 - 2.5 h	30 min	20 min	15 min
	Full hardness	4 days	30 min + 4 days/20°C	20 min + 4 days/20°C	15 min + 4 days/20°C
	NOTE	Prior to polishing the clear coat dried at 40°C, 50°C and 60°C, wait up to 1 h for cooling down			
	IR drying	8 - 15 min Follow the recommendations of the IR lamp manufacturer. Keep the flash-off time before drying.			

REMARKS:

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/cooling). It is not recommended to apply the product in a temperature below 18°C. Low application temperature changes the characteristics of the coating finish (increased open time, greater structure, longer curing time). Prior to application, the product temperature, spray booth temperature and object temperature should be adjusted to about 20°C.

STORAGE AND TRANSPORTATION CONDITIONS:

Protect from freeze, heat, sunlight and moisture. Store tightly closed in a dry, cool place.
Recommended storage temperature: +10 to +30°C.

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