

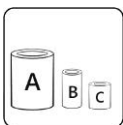
TECHNICAL DATA SHEET CLEARCOAT HS CERAMIC

The identification code: E-LBHSC
Line: EXLAK

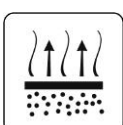
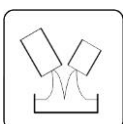
PRODUCT DESCRIPTION

Clearcoat in Premium segment is characterized by high content of solids. High hardness, resistance to: weather conditions, UV rays and stone impact. Coating does not chip off even with strong strokes of stones. Has excellent gloss and excellent flow. It is characterized by high elasticity and hardness which guarantees "colour depth" effect.

MIXING RATIO

	A: Clearcoat HS CERAMIC [code: E-LBHSC]	100
	B: Hardener HS CERAMIC [code: E-UHSC]	50
Comments:	Due to the habits of painters, mixture of clearcoat and hardener can be diluted with C: acryl thinner EXLAK [code: E-RA] in the ratio 5-10% of weight of the clearcoat.	
	When spraying without thinner, texture will has orange peel look.	

APPLICATION

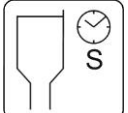
	Number of layers	2 or 1,5
	Pressure	2 - 2,5 bar
	Nozzle	1.3 - 1.4 mm
	Flash off between layers	10 - 12 min
	Mixture life after mixing clearcoat with standard type of hardener	60 min at 20°C

The first half-layer of clearcoat (**1,5 layer system**) or first full layer of clearcoat (**2 layers system**) is applied to the pre-dried layer of basecoat. Second layer of clearcoat should be applied as a full layer and left to complete flow and hardening. Coating of clearcoat can be hardened by using IR heater. Please note that IR heater should not be turned on earlier than after about 15 minutes after application last layer of clearcoat. When painting large surfaces it is recommended to use a hardener and the acryl thinner - slow version.

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ADDITIONAL INFORMATION

	Viscosity (DIN 4/20°C)	
	Without thinner	18 - 19 s
	After adding thinner	16 - 17 s
	Operating hardness	14 h at 20°C
		45 min at 50°C
	Ending hardness	4 days
	Dust-free	35 min at 20°C
		5 min at 50°C

Hardness tested after 14 days in accordance with EN ISO 1522 Persoz pendulum – 352

CONTENT OF VOLATILE ORGANIC COMPOUNDS

Maximum content of VOC in product	460 g/l
VOC for category: II,B/e	840 g/l

Clearcoat complies standards of EU Directive 2004/42/CE/II,B/e(840)

GLOSS

Output gloss	97°
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STORAGE TIME AND CONDITIONS

Store in tightly closed containers, in a cool, dry place away from sources of fire and heat. Avoid exposure to sunlight. Expiration date: 12 months from date of manufacture - date on the top of container.

CLEANING EQUIPMENT

For cleaning equipment can be used acryl thinner [code: E-RA] or nitro thinner [code: E-RN]. It is recommended to use thinner for cleaning paint spray guns EXLAK [code: E-RDMP].

HEALTH AND SAFETY REGULATIONS

See Safety Data Sheet of the product.

SPECIFIC WEIGHT

About 1.0 g/cm³