

TECHNICAL DATA SHEET
S20 MS Clear Coat



PRODUCT DESCRIPTION

Clearcoat in Medium Solid system which is characterized by good hardness and resistance to UV rays. It is resistant to troublesome weather conditions. It has very good resistance to stone impact, coating does not chip off even with strong strokes of stones. Durability and excellent gloss gives the coating the "colour depth" effect and guarantees its high quality. Is compatible with all solvent basecoats including water basecoats. Occurs with hardener in slow, standard or rapid version.

MIXING RATIO

	A: Clearcoat S20 MS	100	
	B: Hardener S20 MS	50	
	C: Acryl thinner S20	5%	Full flow
		0%	Orange peel texture
Comments:	Amount of thinner calculated for weight of the clearcoat.		
	Do not use other thinner than acryl thinner S20.		

APPLICATION

	Number of layers	2
	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 layer of clearcoat 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.

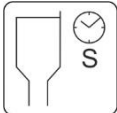

DEDICATED HARDENERS

Hardener SLOW	<div style="border: 1px solid black; padding: 5px;"> <p>The use of the appropriate type of hardener depends on the room temperature</p> <p>Slow Normal Rapid</p> <p>35°C Rate of hardening 18°C</p> </div>
Hardener NORMAL	
Hardener RAPID	

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ADDITIONAL INFORMATION

	Viscosity (DIN 4/20°C)	
	Without thinner	16 - 17 s
	After adding thinner	15 - 16 s
	Operating hardness	14 h at 20°C
		45 min at 50°C
	Ending hardness	4 days
	Dust-free	20 min at 20°C
3 min at 50°C		

CONTENT OF VOLATILE ORGANIC COMPOUNDS

Maximum content of VOC in product	562 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	96°
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STORAGE CONDITIONS

Store in tightly closed containers, in a cool, dry place away from sources of fire and heat. Avoid exposure to sunlight.

STORAGE TIME

Clearcoat S20 MS	NOT LESS THAN:	24 months
Hardener SLOW/NORMAL/RAPID		9 months

CLEANING EQUIPMENT

For cleaning equipment can be used acryl thinner. It is recommended to use thinner for cleaning paint spray guns RJ.

HEALTH AND SAFETY REGULATIONS

See Safety Data Sheet of the product.

SPECIFIC WEIGHT

Clearcoat S20 MS – about 1.0 g/cm³
 Hardener S20 MS – about 1.0 g/cm³