

UHS Clear coat D300

PROFESSIONAL USE ONLY

Description



The new two-pack UHS High Solids Clear coat D300 complies with the 2004/42/CE regulation (VOC-compliant). The coating has excellent mechanical properties and elasticity. Leak resistant allows apply thick layers especially on vertical surfaces. UHS High Solids Clear coat D300 provides the flawless appearance and the highest level of gloss. High resistance to UV radiation (UV-resistant) and chemicals ensures durability of the coating. Could be used for local and complete repairs.

Pack: 1 l, 5 l



Components

Clear coat	UHS Clear coat D300
Hardener	UHS Hardener D200, UHS Hardener slow D201
Thinner	2K Thinner D120, 2K Thinner slow D121

Substrates



Solvent- or waterborne basecoats

Mixing ratio



Component	By volume	By weight
UHS Clear coat D300	100 ml	100 g
UHS Hardener D200 / D201	50 ml	50 g
2K Thinner D120 / D121	0-10 ml	0-10 g

Recommended application conditions

Humidity	≤ 75%
Temperature	+15 ... +30°C

Application features

Temperature mode of application, °C	Local repair		Complete repair	
	Hardener	Thinner	Hardener	Thinner
<25	D200	D120	D200	D120
>25	D201	D121	D201	D121

Pot-life (at 20°C)



3 h






Viscosity (DIN 4, at 20°C)



16-18 sec

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Application			
		Gun tip	Pressure
	Gravity gun	1.3-1.5 mm	3-4 bar*
	Gravity gun HVLP	1.3-1.5 mm	2 bar*
	Number of coats	1.5 **	
	Recommended thickness	40-60 microns	
	Flash-off time 15 minutes at 20 ° C before forced drying.		
	Overpainting after a drying cycle could be done without treatment until 24 hours have not been elapsed.		
*see spray gun manufacturer's recommendations			
** the first light thin layer should be applied by reducing the material flow so the coating is absorb into the substrate. This will ensure effective adhesion, as well as eliminate micro-sagging on the surface of the paintwork. After that, a full layer should be applied without interlayer exposure.			
Drying times			
		UHS Hardener D200	UHS Hardener slow D201
	20 °C	16 h	16 h
	60 °C	45 min	45 min
	IR drying (short waves)	15 min	15 min
Cleaning of equipment			
Use solvents for cleaning before pot-life is over.			
Storage			
Store in a well ventilated area away from direct sunlight at a temperature from +5 to +30°C. Shelf-life: 36 months			
VOC			
EU/2004/42 Cat II B(d) VOC 415 g/l (VOC limit 420 g/l)			

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