

TECHNICAL DATASHEET

UHS Clear low VOC SB300

Description

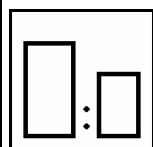
UHS Clear low VOC SB300 is a two-component acrylics clear coat with the very high degree brilliancy which distinguishes itself by its scratch-resistant qualities. UHS Clear low VOC SB300 has a great resistance against mechanical damages and environmental factors. This clear coat is used mainly in industrial coatings and automotive applications in car body construction as a sealant by 2-layered and 3-2-layered paint superstructures.

SUBSOIL



- All Basecoats or effect and design varnish from the product spectrum of Fashion Paints
- Water base varnish from all current car repair mix systems

MIXING RATIO



UHS CLEAR SB300

2 parts

HS Hardener 3000 Normal
HS Hardener 3500 Fast

1 part

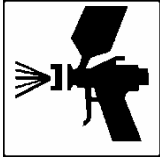
MIXING 2:1


Pot life :

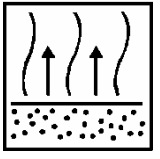
2 to 3 hours

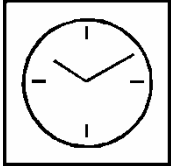

Viscosity :

Test DIN4 at 20°C 19 – 21 sec.

<p>COAT OF THE SUBSOIL</p> 	<p>The surface has to be cleaned, sanded and degreased before applying the first base coat.</p> <p>Conventional Paint Spray Gun :</p> <p>HVLP / LVLP Paint Spray Gun :</p>	<p>Nozzle Size : 1,3 – 1,5mm Air pressure : 3,0 – 4,0 bar</p> <p>Nozzle Size : 1,3 – 1,4mm Air pressure : 1,5 – 2,0 bar</p> <p><i>Please pay attention also to the specifications from the manufacturer of your paint spray gun</i></p>
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<p>VARNISHING</p> 	<p>Applied Coats : 1,5</p> <p>In the first hose way – fogging In the second - A full layer</p> <p>Layer thickness : 40 at 50 µm (microns) dry coat</p>
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<p>DRYING TIME between COATS</p> 	<p>5 minutes at a room temperature at approx. 20 °C</p>
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<p>DRYING</p>  	<p>Air drying at approx. 20 °C :</p> <p>Drying in the oven at approx. 60 °C :</p> <p>Fast drying with Infrared drying :</p>	<p>Dust- Dry after 2 up to 3 hr. Finger-Dry after approx. 6 hr. Suitable for varnishing after minimally 14 hr.</p> <p>Approx. 20 Min. (Object temperature)</p> <p>Approx. 15 Minuten</p>
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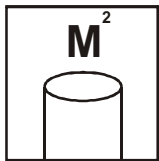
VOC – SETTLEMENT



According to the order VOC of the EU the limit values with a product of this category (II B (e)) in the ready for use state amount to 420 g/ltr.

The portion VOC with this product amounts to 420 g/ltr in the ready for use state.

CONSUMPTION



Theoretical consumption : 8 - 10 m²/ ltr. at 40 µm (microns) dry coat

In each case it depends from the number of the applied layers

SAFETY



During the processing the usual protective clothing has to be used (Respiratory protection, hand guard, coating-suit, etc.)

STORAGE



Store the products at a well ventilated, cool and dry place.
Keep them also away of heat springs, fire, etc.

Determined only for the professional use.

Pay attention also to the regulations from the security MSDS.

In the case of questions and/or stimulations please feel free to contact us:



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