

# Technical Information

## 40-450 | HS Universal Clear VOC








### 1. Properties

HS VOC clear for basecoat

- High solids content, safe to spray, excellent levelling flow, excellent surface hardness and polishing behaviour.
- Select hardener and reducer according to ambient temperature and size of object to be painted.

### 2. Application

		100% by vol.	50% by vol.	10% by vol.	
	<b>Mixing ratio</b> 2 : 1 + 10%	Small repairs and panel repairs	40-450	50-415	60-05
		Repairs up to 2 vertical panels	40-450	50-415	60-20, 60-30
		Normal repairs	40-450	50-420	60-20, 60-30
		Hot conditions	40-450	50-430	60-20, 60-30
	<b>Spray viscosity</b> DIN 4 at 20°C	20 – 22 s			
	<b>Pot life</b>	2 h / 20°C			
	<b>Spray gun</b>	HVLP gravity-feed spraygun 1.3 mm 2 bar, 0.7 bar at the nozzle	Compliant gravity-feed spraygun 1.3 – 1.4 mm, 2.0 bar		
	<b>Number of spray coats</b> <b>Film thickness</b>	2 40 – 60 µm			
	<b>Number of spray coats</b> <b>Film thickness</b>	½ + 1 can be applied to vertical surfaces (no flash-off between coats required) approx. 50 µm			
	<b>Flash off at 20°C</b>	3 minutes between spray coats			

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### 3. Drying

	<b>Drying mixed with</b>	50-415 / 60-05	50-420 / 60-20	50-430 / 60-30
	<b>at 20°C at 60°C</b>	6 h 20 min.	10 h 30 min.	16 h 40 min.
	<b>Infrared: (short wave) (medium wave)</b>		8 min. 10 – 15 min.	

#### Safety instructions:

**2004/42/IIB(d)(420)419:** The EU limit value for this product ( product category: IIB.d) in ready to use form is max 420 g/l of VOC. The VOC content of this product is 419 g/l.

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.



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