

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.	
	Mixing ratio 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
	Spray viscosity DIN 4 at 20°C	20 – 22 s			
	Pot life	2 h / 20°C			
	Spray gun	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		
	Number of spray coats Film thickness	2 40 – 60 µm			
	Number of spray coats Film thickness	½ + 1 can be applied to vertical surfaces (no flash-off between coats required) approx. 50 µm			
	Flash off at 20°C	3 minutes between spray coats			

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

BASF Coatings GmbH, Automotive Refinish Coatings Solutions, Europe, Glasuritstraße 1, 48165 Münster, Germany, 07/2017

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3. Drying

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