


**REFINISH**
**Technical Data Sheet  
TDS**

**Description**

*UHS CLEAR is a 2K ultra high solid clearcoat with very low solvent content especially formulated to comply with the most restrictive legislation concerning solvent emissions.*

*UHS CLEAR can be used for spot-repair, full panel, or total respray, in 2-3 stage finishes, for best results and durability.*

*UHS CLEAR offers high solid content, fast drying strong film hardness, and excellent gloss, with the flexibility of different hardener options, for different types of repair.*

**Technical details form supplied product**

	UHS Clear	UHS Hardener
Viscosity, DIN4 20°C	47" ± 2	26" ± 2
Solids Content %	54 ± 1	75 ± 1
Density 20°C	1,00 ± 0,03	1,08 ± 0.03
VOC content grams/litre	< 460	< 250
Gloss	<95	-----
Pack Size	1L	0,33L

**Preparation**

	By volume	By weight	Percentage
S 830 Clearcoat	1000ml	1000g	100%
Hardener: S 431 / S 432 / S 433 ( "BS REFINISH" UHS HARDENER )	330ml	356g	33%
Thinner : S 709 / S 710 / S 711 ( "BS REFINISH" ACRYL. THINNER)	266 – 399ml	240 – 360g	20-30%
Ready for use viscosity DIN4 20°C	15-18" ± 2		
Ready for use solids content %	59 ± 1		
Pot Life	2 hours @ 20°C		

**Application**

	Conventional	High transfer efficienc
<b>Gravity spray gun</b>		
Gun nozzle	1,3-1,4	1,2-1,3
Pistol pressure	3-3,5 bar	2 bar
<b>Suction feed spray gun</b>		
Gun nozzle	1,4-1,6	1,2-1,3
Pistol pressure	3-3,5 bar	2 bar
Flash between coats	15-20 minutes @ 20°C	
Number of coats	1 medium coat and 1 full coat or 2 full coats	
Suggested thicknes	50microns	

**Drying**

	20°C	50-60°C
Temperature		
Dust free	15 minutes	Flash before force dry 15 minutes
Handling	24 hours	30-40 minutes
Ready to be polished after	24 hours	12 hours
<b>INFRARED DRYIN</b>	<b>Medium wave</b>	<b>Short wave</b>
Flash before infrared drying @ 20°C	5-7 minutes	5-7 minutes
Ready to be polished after	25 minutes	20 minutes


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**Hardeners - Thinners**
**Hardeners**

S 431 Slow	To be used from 25 °C to 35 °C
S 432 Normal	To be used from 15 °C to 25 °C
S 433 Fast	To be used from 5 °C to 15 °C (Spot repairs @ 25 °C )

**Thinners**

S 709 Slow	To be used from 25 °C to 35 °C
S 710 Normal	To be used from 15 °C to 25 °C
S 711 Fast	To be used from 5 °C to 15 °C (Spot repairs @ 25 °C )

**Additional information**

**Dry sanding P 800-1000**

**Wet sanding P 1200-2500**

**Clean**

**Follow all safety requirements**
**These products are for professional use only**

and are not to be used for purposes other than those specified.

The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

**For further information please contact.**
**Manufacturer**

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