


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

**Description**

HS CLEAR is a 2K high solid (HS) clearcoat which has excellent flow properties, it is quick drying and quick to polish, with good hardness and gloss.

HS CLEAR is used for spot, panel and overall repairs.

**Technical details form supplied product**

	HS Clear	HS Hardener
Viscosity, DIN4 20°C	74" ± 2	12" ± 2
Solids Content %	53 ± 1	48% ±1
Density 20°C	0,99 ± 0,03	0,99 ± 0.03
VOC content grams/litre	< 470	< 520
Gloss	<95	-----
Pack Size	1L / 5L	0.25L / 0,33L / 0,5L / 2,5L

**Preparation**

	By volume	By weight	Percentage
S 810 Clearcoat	1000ml	1000g	100%
Hardener: S 411 / S 412 / S 413 ("BS REFINISH" HS HARDENER)	500ml	500g	50%
Thinner : S 709 / S 710 / S 711 ("BS REFINISH" ACRYL. THINNER)	150 – 300ml	136 – 272g	10-20%
Ready for use viscosity DIN4 20 °C		15-18" ± 2	
Ready for use solids content %		52 ± 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	0.3-0.7 bar
<b>Suction feed spray gun</b>		
Gun nozzle	1,4-1,6	1,2-1,3
Pistol pressure	3.5-4 bar	0.3-0.7 bar
Flash between coat	15-20 minutes @ 20°C	
Number of coats	2	
Suggested thicknes	50 microns	

**Drying**

	20°C	50-60°C
Temperature		
Dust free	15 minutes	Flash before force dry 15 минут
Handling	24 hours	30-40 minutes
Ready to be polished after	24 hours	12 hours

	Medium wave	Short wave
INFRARED DRYIN		
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 411 Slow	To be used from 25 °C до 35 °C
S 412 Normal	To be used from 15 °C до 25 °C
S 413 Fast	To be used from 5 °C до 15 °C (Spot repairs @ 25 °C )

**Thinners**

S 709 Slow	To be used from 25 °C до 35 °C
S 710 Normal	To be used from 15 °C до 25 °C
S 711 Fast	To be used from 5 °C до 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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