8-145 HS Surfacer Grey

GENERAL INFORMATION

8-145 HS Surfacer Grey is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Non-Sanding version.

MIXING RATIO



- 3:1Surfacer: 2K/MS Hardener + max 20% Uni Thinner
- 4:1Surfacer: HS Hardener + max 30% Uni Thinner
- 6:1 Surfacer: HS420 Hardener + max 35% Uni Thinner

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,5	2/29
HE	1,3-1,5	1,8-2,0/26-29

APPLICATION



1 coat 20 - 25 μm (0,8-1,0 mil)

FLASH OFF AND DRY TIMES





AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	15 - 20 minutes	Flash off	-
Dust free	15 - 20 minutes	Dust free	-
Dry to handle	16 hours	Dry to handle	-
Dry to tape	16 hours	Dry to tape	-
Dry to sand	16 hours	Dry to sand	-
Dry to polish	-	Dry to polish	-

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

SUBSTRATES



8-145 HS Surfacer Grey should only be applied over well sanded/scuffed and degreased primed bare steel and primed aluminium. Well sanded GRP, polyester fillers, OEM primer and old paint systems in good condition. (Use 1-15 Washprimer for maximum durability and rust protection.)

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



47-55 MS Hardener Medium 47-65 MS Hardener Slow 8-150 HS Hardener Medium 8-160 HS Hardener Slow 8-450 HS420 Hardener Medium 8-460 HS420 Hardener Slow 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow 47-91 Spot Repair Thinner 1-231 Fade-Out Thinner

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. Remove all sanding debris with compressed air, sanding vacuum and clean with 1-951 Silicone Remover wipe on and wipe dry. Final sanding before application P280-P320 feather-edge and GRP P400.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER

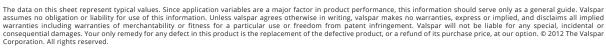


MM 900 - 9999 WaterBase 900° Series MM 500 - 5999 BeroBase 500 Series MM 2000 - 2099 BeroMix 2000 Series

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PHYSICAL DATA

EU REGULATIONS					
VOC Code		2004/42/IIB(c)(540)534			
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.		IIB/c. Primer - Surfacer/filler and general (metal) primer. EU limit values: 540 g/l. (2007) This product contains a maximum of 534 g/l VOC.			
Chemical Base	2K Polyurethane Primer				
Physical Properties	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C			
	Specific Gravity (kg/l)	1,37			
	Flash Point Closed Cup	27,5°C / 81,5°F			
	Volume % Solids	41			
	Economy	14 m²/L/30 μm			
		570 ft²/Gal/1,2 mil			
	Gloss	Matt			
	Colour	Grey			







PROTECTION

Use suitable respiratory protection (fresh air supply respirator is strongly recommended).



For more detailed information please visit the following link for the Safety Data Sheet:

https://sds.de-beer.com/en/debeer/choose_localization

CLEAN UP



1-051 Gun Cleaner

STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



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