

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 : 1 Surfacer : 2K/MS Hardener + max 20% Uni Thinner
 4 : 1 Surfacer : 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	8 hours	Dry to handle
Dry to tape	8 hours	Dry to tape
Dry to sand	8 hours	Dry to sand
Dry to polish	-	Dry to polish



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 3000 - 3046 BeroThane HS420 3000 Series
 MM 500 - 5999 BeroBase 500 Series
 MM 2000 - 2099 BeroMix 2000 Series

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

PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IB(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.	IB/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	
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	
Physical Properties	14 m ² /L/30 µm	
	Economy	570 ft ² /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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