

GENERAL INFORMATION

8-14540 HS Surfacer Black 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

8-14540 HS Surfacer Black

GUN SET UP

HVLP 1,3-1,5 2/29 HE 1,3-1,5 1,8-2,0/26-29			NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
НЕ 1,3-1,5 1,8-2,0/26-29		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	
Flas	sh off	15 - 20 minutes	Flash off	-
Dus	t 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



8-14540 HS Surfacer Black 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 REGU	LATIONS	
VOC	Iode	2004/42/IIB(c)(540)534	
Product sub category (acc 2004/42/EC) and max VOC of the ready to use produc	content (ISO 11890-1/2)	IIB/c. Primer - Surfacer/filler and general (metal) primer. EU limit values: 540 g/l. (2007) This prod- uct 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)	1,35	
	Flash Point Closed Cup	27,5°C / 81,5°F	
	Volume % Solids	40	
Physical Properties	C	14 m²/L/30 μm	
	Economy	570 ft²/Gal/1,2 mil	
	Gloss	Matt	
	Colour	Black	

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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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