8-14540 HS Surfacer Black

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 Sanding version.

MIXING RATIO



- 3:1 Surfacer: 2K/MS Hardener + max 10% Uni Thinner
- 4:1 Surfacer: HS Hardener + max 15% Uni Thinner
- 6:1 Surfacer: HS420 Hardener + max 25% Uni Thinne

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,8	2/29
HE	1,3-1,8	1,6-1,8/23-26

APPLICATION



1-3 coat 60-180 µm (2,4-7,2 mil)

FLASH OFF AND DRY TIMES





AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	5 - 10 minutes	Flash off	5 - 10 minutes
Dust free	20 - 30 minutes	Dust free	-
Dry to handle	16 hours	Dry to handle	20 - 30 minutes
Dry to tape	16 hours	Dry to tape	20 - 30 minutes
Dry to sand	16 hours	Dry to sand	20 - 30 minutes
Dry to polish	-	Dry to polish	-

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



20 - 30 minutes

COMPONENTS



47-30 2K Hardener Very Fast 47-40 2K Hardener Fast 47-50 2K Hardener Medium 47-60 2K Hardener Slow

47-35 MS Hardener Fast

47-55 MS Hardener Medium

47-65 MS Hardener Slow 8-130 HS Hardener Very Fast

8-140 HS Hardener Fast

8-150 HS Hardener Medium

8-160 HS Hardener Slow

8-430 HS420 Hardener Very Fast

8-440 HS420 Hardener Fast

8-450 HS420 Hardener Medium

8-460 HS420 Hardener Slow 1-141 Uni Thinner Fast

1-151 Uni Thinner Medium

1-161 Uni Thinner Slow

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

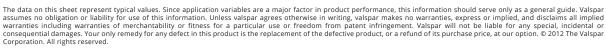


MM 900 - 9999 WaterBase 900⁺ Series MM 3000 - 3046 BeroThane HS420 3000 Series MM 500 - 5999 BeroBase 500 Series

MM 2000 - 2099 BeroMix 2000 Series

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 prod- uct contains a maximum of 534 g/l VOC.			
Chemical Base	2K Polyurethane Primer				
Physical Properties	Viscosity (RTS)	20 - 22 Dincup 4 / 20°C			
	Specific Gravity (kg/l)	1,39			
	Flash Point Closed Cup	27,5°C / 81,5°F			
	Volume % Solids	43			
	Economy	7 m²/L/60 μm			
		285 ft²/Gal/2,4 mil			
	Gloss	Matt			
	Colour	Black			







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).



NOTES