

## GENERAL INFORMATION

8-14540 HS Surfacers 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 Surfacers : 2K/MS Hardener + max 10% Uni Thinner  
4 : 1 Surfacers : HS Hardener + max 15% Uni Thinner  
6 : 1 Surfacers : HS420 Hardener + max 25% Uni Thinner

## 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	-



## INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE	
Half-bake	3 min 50°C
Full-bake	10 min 65°C
See IR Manufacturer information	

## SUBSTRATES



8-14540 HS Surfacers 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  
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

## PHYSICAL DATA

EU REGULATIONS	
VOC Code	2004/42/IIIB(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.	IIIB/c. Primer - Surfacers/fillers 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)	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
Physical Properties	7 m²/L/60 µm
	Economy
	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](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**

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