# **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**



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

# **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 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

1-151 Uni Thinner Mediun 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**

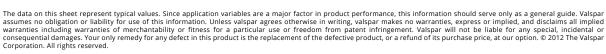


MM 900 - 9999 WaterBase 900\* Series MM 3000 - 3046 BeroThane HS420 3000 Series MM 500 - 5999 BeroBase 500 Series

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 product 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  $10^{\circ}\text{C}$  -  $30^{\circ}\text{C}$  /  $50^{\circ}\text{F}$  -  $90^{\circ}\text{F}$  ) (unopened container).



**NOTES**