



DEBEER
REFINISH

8-14540
HS Surfacers Black

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



47-20 2K Hardener Air Dry
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/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 m ² /L/60 µm 285 ft ² /Gal/2,4 mil |
| | Gloss | Matt |
| Colour | | Black |

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2025 The Valspar Corporation. All rights reserved.

Revision Date: August 2025

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AUTOMOTIVE

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**

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