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
- 6:1Surfacer: 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 | - |

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



47-35 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

1-141 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.

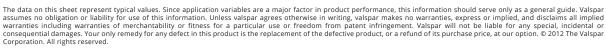
NEXT LAYER



MM 900 - 9999 WaterBase 900° Series MM 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°C - 30°C / 50°F -90°F) (unopened container).



NOTES