



**DEBEER**  
REFINISH

**8-14510**  
HS Surfacers White

## GENERAL INFORMATION

8-14510 HS Surfacers White 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 Non-Sanding version.

## MIXING RATIO



3 : 1 Surfacers : 2K/MS Hardener + max 20% Uni Thinner  
4 : 1 Surfacers : HS Hardener + max 30% Uni Thinner  
6 : 1 Surfacers : HS420 Hardener + max 35% Uni Thinner

## GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,5	2/29
HE	1,3-1,5	1,8-2,0/26-29

## APPLICATION



1 coat 20 - 25 µm (0,8-1,0 mil)

## FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	15 - 20 minutes	Flash off	-
Dust free	15 - 20 minutes	Dust free	-
Dry to handle	16 hours	Dry to handle	-
Dry to tape	16 hours	Dry to tape	-
Dry to sand	16 hours	Dry to sand	-
Dry to polish	-	Dry to polish	-

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

## SUBSTRATES



8-14510 HS Surfacers White 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



30 minutes

## COMPONENTS



47-50 2K Hardener Medium  
47-60 2K Hardener Slow  
47-55 MS Hardener Medium  
47-65 MS Hardener Slow  
8-150 HS Hardener Medium  
8-160 HS Hardener Slow  
8-450 HS420 Hardener Medium  
8-460 HS420 Hardener Slow  
1-151 Uni Thinner Medium  
1-161 Uni Thinner Slow  
47-91 Spot Repair Thinner  
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

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

## PHYSICAL DATA

EU REGULATIONS	
VOC Code	2004/42/IB(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 - 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
Physical Properties	Viscosity (RTS)
	16 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)
	1,38
	Flash Point Closed Cup
	27,5°C / 81,5°F
	Volume % Solids
Physical Properties	13 m²/L/30 µm
	Economy
	570 ft²/Gal/1,2 mil
	Gloss
Physical Properties	Matt
	Colour
Physical Properties	White



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## 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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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 ° m (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	-



## DRY TIMES AND DISTANCE IR



ALL METALLS	FLASH TIME	Half-bake	Full-bake
Maximum 3 coats	5 minutes	3 minutes	10 minutes

  

ON PLASTIC	FLASH TIME	Half-bake	Full-bake
Maximum 3 coats	5 minutes	3 minutes	15 minutes

Follow the IR equipment recommendations for optimal distance between object and IR-lamps

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## 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



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Mask entire vehicle to eliminate unwanted overspray.

## NEXT LAYER



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Chemical Base	2K Polyurethane Primer
Viscosity (RTS)	20 - 22 Dincup 4 / 20°C
Specific Gravity (kg/l)	1,42
Flash Point Closed Cup	27,5°C / 81,5°F
Volume % Solids	44
Economy	7 m²/L/60 ° m 285 ft²/Gal/2,4 mil
Gloss	Matt
Colour	White



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## CLEAN UP



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