



GENERAL INFORMATION

8-149 HS Tinting Surfacer is a tintable 2K polyurethane Surfacer, easy to spray as a surfacer or as a sealer, for sanding and non-sanding purposes. It is suitable for repairs and new construction.

This TDS is about the Non-Sanding version.

MIXING RATIO



8-149		HARDENERS		THINNERS	
1:1	MM 2000 - 2099	3:1	2K / M5 Hardener	20 %	Uni Thinner
1:1	1-204	3:1	2K / M5 Hardener	20 %	Uni Thinner
1:1	MM 3000 - 3046	4:1	HS420 Hardener	25 %	Uni Thinner
1:1	8-414	4:1	HS420 Hardener	25 %	Uni Thinner
1:1	8-714	4:1	HS420 Hardener	25 %	Uni Thinner

Mix thoroughly after addition to the A component before adding hardener and 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 (0,8-1,0mil)

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	-	Dust free	-
Dry to handle	-	Dry to handle	-
Dry to tape	-	Dry to tape	-
Dry to sand	-	Dry to sand	-
Dry to polish	-	Dry to polish	-

SUBSTRATES



8-149 HS Tinting Surfacer 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.)

Plastic primer for plastics.

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



MM 2000 - 2099 BeroMix 2000 Series
MM 3000 - 3046 BeroThane HS420 3000 Series
1-204 M5 Clear Coat
8-414 HS420 Clear Coat
8-714 HS420 Supreme Clear Coat
47-50 2K Hardener Medium
47-60 2K Hardener Slow
47-55 M5 Hardener Medium
47-65 M5 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



Good preparation is vital in order to obtain the best possible result. 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 and GRP P400.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



MM 500 - 5999 BeroBase 500 Series
MM 2000 - 2099 BeroMix 2000 Series
MM 3000 - 3046 BeroThane HS420 3000 Series

PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IB(c)(540)(503)	
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 503 g/L VOC.	
Chemical Base	2K Polyurethane Primer	
Physical Properties	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1,205
	Flash Point Closed Cup	27°C / 80,6°F
	Volume % Solids	41,8
	Economy	14 m ² /L/30 µm 570 ft ² /Gal/1,2 mil
	Gloss	-
	Colour	-



DEBEER
REFINISH

8-149
HS Tinting Surfacers

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).



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