

GENERAL INFORMATION

8-867 Allround Surfacer Grey can be used for small to large repair work over multiple automotive substrates. It can be applied directly on e-Coat primed parts and does not require an additional guide coat due to its glossy appearance after drying.

This TDS is about the Non-Sanding version.

MIXING RATIO



3 : 1 Surfacer : MS Hardener + max 10% Uni Thinner
 7 : 2 Surfacer : HS Hardener + max 10% Uni Thinner
 6 : 1 Surfacer : HS420 Hardener + max 25% Uni Thinner

GUN SETUP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,4	2/29
HE	1,3-1,4	1,8-2,0/26-29

APPLICATION



1 coat 25 - 40 µm

FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	15 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	-



Overspray window 15 minutes till 48 hours

SUBSTRATES



Properly cleaned un-sanded OEM e-Coat panels. Properly cleaned and sanded original OEM paint system. Properly cleaned and sanded Glass Fibre Reinforced Polyester laminates.

1-15 Washprimer. Bare metal not exceeding 10 cm² (1-15 Washprimer recommended).

If the gelcoat of the Glass Fibre Reinforced Polyester is broken through to the fibres, do NOT use 8-867 Allround Surfacer Grey.

POTLIFE



POTLIFE (+3 SEC/ DIN CUP 4 @ 20C)	
MS hardeners	40 -45 min
HS hardeners	30 - 35 min
HS420 hardeners	37 - 45 min

COMPONENTS



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

ADDITIVES



47-39 2K Elastic

Check TDS of 47-39. Add before hardener.

SURFACE PREPARATION



Wash surface with 9-851 WaterBase 900+ Series Degreaser or mild detergent and water. Rinse with water and dry the surface. Wipe surface with 1-951 Silicone Remover and wipe dry with a clean cloth before the product flashes off. Final sanding if needed P400 if the complete panel will be primed. Spot repair/ local priming: final sanding with P500. Wipe surface with 1-951 Silicone Remover and wipe dry with a clean cloth before the product evaporates. Plastic surface preparation refer to the 1-60 1K Plastic Primer TD5 for full details on the recommended preparation for plastic parts. Mask entire vehicle to eliminate unwanted overspray. After 48 hours thorough sanding with P400-500 is needed before the topcoat system can be applied.



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

In order to obtain the best result, we recommend the use of HS420 clears.



PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IIIB(c)(540)540	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	II B/c. Primer - Surfacers/filler and general (metal) primer. EU limit values: 540 g/l. (2007) This product contains a maximum of 540 g/l VOC.	
Chemical Base	2K Polyurethane Primer	
Physical Properties	Viscosity (RTS)	14 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	With M5 hardeners: 1.37 (Grey) With H5 hardeners: 1.39 (Grey) With H5420 hardeners: 1.38 (Grey)
	Flash Point Closed Cup	33°C / 91,4°F
	Volume % Solids	With M5 hardeners: 40 (Grey) With H5 hardeners: 43 (Grey) With H5420 hardeners: 42 (Grey)
	Economy	With M5 hardeners: 13 m ² (Grey) With H5 hardeners: 14 m ² (Grey) With H5420 hardeners: 14 m ² (Grey) (with 30 µm layer thickness)
	Gloss	Egg Gloss
	Colour	Grey

PROTECTION



Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).

For more detailed information please visit the following link for the Safety Data Sheet:

https://sds.de-beer.com/en/debeer/choose_localization

CLEANUP



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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