8-86710Allround Surfacer White

GENERAL INFORMATION

8-86710 Allround Surfacer White 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 Sanding version.

MIXING RATIO



- 3:1Surfacer: MS Hardener + max 5% Uni Thinner
- 7: 2 Surfacer: HS Hardener + max 5% Uni Thinner
- 6:1 Surfacer: HS420 Hardener + max 15% Uni Thinner

GUN SETUP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,4 - 1,6	2/29
HE	1,4 - 1,6	1,6 - 2,0 / 23 - 29

APPLICATION



2 - 3 coat 60 - 180 µm

FLASH OFF AND DRY TIMES





	AIR DRY 20°C / 68°F	FORCED DRY 40°C / 104°F	FORCED DRY 60°C / 140°F
Flash off	10 - 15 minutes	10 - 15 minutes	10 - 15 minutes
Dust free	-	-	-
Dry to handle	-	-	-
Dry to tape	-	-	-
Dry to sand	1.5 - 4 hours	45 - 60 minutes	20 - 30 minutes
Dry to polish	-	-	-

SUBSTRATES



8-86710 Allround Surfacer White should only be applied over well sanded/scuffed and degreased primed bare steel, primed aluminium. Well sanded and degreased GRP, polyester fillers and old paint systems in good condition. Well cleaned and degreased non-sanded OEM primer.

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

On bare steel and aluminium use 1-15 Washprimer for maximum durability and rust protection.

SUBSTRATES PLASTIC



Substrate	8-86710 Sanding	
ABS	It has good direct to ABS adhesion, no need to use the 1-60 IK Plastic Primer.	
PP	It is possible to replace the thinner with the 1-60 1K Plastic Primer. It is also possible to spray the 1-60 1K Plastic Primer first.	
PP/EPDM	It is possible to replace the thinner with the 1-60 IK Plastic Primer. It is also possible to spray the 1-60 IK Plastic Primer first.	

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 H5420 Hardener Slow 1-141 Uni Thinner Fast 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow

ADDITIVES



47-39 2K Elastic

Check TDS of 47-39. Add before hardener.

POTLIFE



POTLIFE (+3 SEC/ DIN CUP 4 @ 20C)		
MS hardeners	25 - 30 min	
HS hardeners	20 - 25 min	
HS420 hardeners	18 - 22 min	

DRY TIMES AND DISTANCE IR

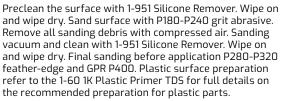


	FLASH TIME	Half-bake	Full-bake
Maximum 3 coats	5 minutes	8 minutes	7 minutes
ON PLASTIC	FLASH TIME	Half-bake	Full-bake
Maximum 3 coats	5 minutes	8 minutes	9 minutes

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

SURFACE PREPARATION









8-86710Allround Surfacer White

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 8-86740 Allround Surfacer Black			
VOC Code		2004/42/IIB(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.		IIB/c. Primer - Surfacer/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)	15 - 19 Dincup 4 / 20°C	
	Specific Gravity (kg/l)	With MS hardeners: 1,37 (White) With HS hardeners: 1,39 (White) With HS420 hardeners: 1,39 (White)	
	Flash Point Closed Cup	33°C / 91,4°F	
	Volume % Solids	With MS hardeners: 42 (White) With HS hardeners: 44 (White) With HS420 hardeners: 45 (White)	
	Economy	With MS hardeners: 7 m² (White) With HS hardeners: 8 m² (White) With HS420 hardeners: 8 m² (White) (with 60 µm layer thickness)	
	Gloss	Egg Gloss	
	Colour	White	

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).

NOTES



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