

## GENERAL INFORMATION

8-746 High Production Non-Sanding Primer Grey G5907 is a multi use polyurethane High Solid (wet on wet) primer. This primer can be used as a general non sanding primer or for properly cleaned ridged unsanded OEM e-Coated panels. For the automotive refinish market, small and larger repairs. Available in White, Mid Grey and Black, White and black can be combined to produce all six Grey Shades, these formulas are accessed on our ICRIS system. 8-746 High Production Non-Sanding Primer Grey G5907 can be directly applied to properly prepared automotive plastic parts such as, PP-EDM, TPO, ABS, PUR & PA when DeBeer 1-60 1K Plastic Primer is mixed instead of the thinners.

## MIXING RATIO



3 : 1 Primer : MS Hardener + 10% Uni Thinner  
3 : 1 Primer : HS Hardener + 10% Uni Thinner

**Add 1-171 Uni Thinner Very Slow for temperatures above 100°F.**

## GUN SETUP



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

**Air pressure mentioned in table is base on inlet air.**

## APPLICATION



1 coat 1,2-1,4 mil

## FLASH OFF AND DRY TIMES



AIR DRY 20 °C / 68 °F		FORCED DRY 60°C / 140°F	
Flash off	12 minutes	Flash off	Do not forced dry
Dust-free	-	Dust-free	Do not forced dry
Dry-to-handle	-	Dry-to-handle	Do not forced dry
Dry-to-tape	-	Dry-to-tape	Do not forced dry
Dry-to-sand	-	Dry-to-sand	Do not forced dry
Dry-to-polish	-	Dry-to-polish	Do not forced dry

**In case the 8-746 High Production Non-Sanding Primer Grey G5907 is used in combination with 1-60 1K Plastic Primer, the adhesion on plastic substrates will develop in time. Optimal adhesion will be achieved after 48 hrs curing, when taking into account the specified layer thickness, flash-off times and drying times.**

## SUBSTRATES



Properly cleaned unsanded ridged OEM e-Coat panels. Properly cleaned and sanded original OEM paint system. Properly cleaned and sanded GRP Glass Fibre Reinforced Polyester laminates 1-15 Washprimer. Bare metal not exceeding 10 cm<sup>2</sup> (1-15 Washprimer recommended).

Painting Plastic Parts: 8-746 High Production Non-Sanding Primer Grey G5907 can be applied directly to properly cleaned and prepared automotive plastic parts. Use the mixing ratios as above and replace the Uni Thinner % with DeBeer 1-60 1K Plastic Primer. Use over common automotive plastics. This mixture combination can also be used over properly cleaned un-sanded ridged OEM e-Coat panel.

**If the gelcoat of the GRP is broken through to the fibres, do NOT use 8-746 High Production Non-Sanding Primer Grey G5907.**

## COMPONENTS



47-55 MS Hardener Standard  
47-65 MS Hardener Slow  
8-150 HS Hardener Medium  
8-160 HS Hardener Slow  
1-151 Uni Thinner Medium  
1-161 Uni Thinner Slow  
1-60 1K Plastic Primer  
1-171 Uni Thinner Very Slow  
47-91 Spot Repair Thinner  
1-231 Fade-Out Thinner

## GENERAL INFORMATION



60 minutes

## ADDITIVES



47-39 2K Elastic (add 5-35% volume)

## SURFACE PREPARATION



Wash surface with 90-851 De Beer Waterbase Anti-Static Degreaser or mild detergent and water, rinse with water and dry the surface. Wipe surface with 1-951 Silicon 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 repairs / local priming; final sanding with P500. Wipe surface with 1-951 Silicon Remover and wipe dry with a clean cloth before the product evaporates. Plastic surface preparation, refer to the 1-60 1K Plastic Primer TDS for full details on the recommended preparation for plastic parts.

**Mask entire vehicle to eliminate unwanted overspray.**

**After 48 hrs thorough sanding with P400 - P500 is needed before the topcoat system can be applied.**

## NEXT LAYER



MM 900 - 9999 WaterBase 900\* Series  
MM 500 - 5999 BeroBase 500 Series  
MM 2000 - 2099 BeroMix 2000 Series

## PHYSICAL DATA

RTS REGULATORY DATA:		3 : 1 : 10% Uni Thinner Series
	lb./gal	g/L
Actual VOC	4.5 Max.	537 Max.
Regulatory VOC (less water and exempt solvents)	4.6 Max.	550 Max.
Density	11 – 12	1320 – 1440
	WT%	VOL%
Total Solids Content	58 – 63	40 – 45
Total Volatile Content	37 – 42	55 – 60
Water	0	0
Exempt Compound Content	1 – 5	1 – 5
Coating Category	Primer Sealer	

## 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>

## CLEANUP



Cleaning the Equipment / Per local regulations.

## STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F ) (unopened container).

## NOTES



All reported product properties on the TDS are determined at a temperature of 77°F unless specified otherwise.

**Re-cleaning:** If batch priming, when the coated object is exposed to an open environment (e.g. outside of a spray booth) the object must be re-cleaned before top-coating with 1-951 Silicon Remover, after 1 hour from application and up to 48 hours. Wipe on wipe dry method. Jet washing freshly painted plastic parts is not recommended within one week of recommended paint application and curing process.

**INFORMATION:** If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use.