8-746
High Production Non-Sanding Primer Grey GS907

GENERAL INFORMATION

8-746 High Production Non-Sanding Primer Grey GS907 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 GS907 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
5 : 1 Primer : HS420 Hardener + 25% Uni Thinner

GUN SET UP

	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1.3-1.4	2/29
HE	1.3-1.4	2/29

APPLICATION

1 coat 30 - 35 m (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 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^2 (1-15 Washprimer recommended).

Painting Plastic Parts: 8-746 High Production Non-Sanding Primer Grey GS907 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 GS907.

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
1-171 Uni Thinner Very Slow
8-181 HS420 Special Thinner
1-60 1K Plastic Primer
47-91 Spot Repair Thinner
1-231 Fade-Out Thinner

8-181 HS420 Special Thinner (Recommended for tempertures above 25°C).

POT LIFE AT 20°C / 68°F

60 minutes

ADDITIVES

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

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 repairs / 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 TDS for full details on the recommended preparation for plastic parts.

Mask entire vehicle to eliminate unwanted overspray.

After 48 hrs thorough sanding with P 400 - 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

Revision Date: October 2018

8-746
High Production Non-Sanding Primer
Grey GS907

PHYSICAL DATA

EU REGULATIONS		
VOC Code		2004/42/IIB(c)(540)480
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 480 g/l VOC.
Chemical Base	2K Polyurethane Primer	
Physical Properties	**Viscosity (RTS)**	15 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1.344
	Flash Point Closed Cup	28°C / 82°F
	Volume % Solids	42,3
	Film Thickness	30 - 35 m
		1,2 - 1,4 mil
	Theoretical Coverage Ready To Spray	14 m²/L/30 m
		570 ft²/Gal/1,2 mil
	Gloss	Low gloss
	Colour	Grey

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).

NOTES

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 Silicone 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.

Revision Date: October 2018

8-74610
High Production Non-Sanding Primer White GS903

GENERAL INFORMATION

8-746 High Production Non-Sanding Primer White GS903 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 White GS903 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
5 : 1 Primer : HS420 Hardener + 25% Uni Thinner

GUN SET UP

	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1.3-1.4	2/29
HE	1.3-1.4	2/29

APPLICATION

1 coat 30 - 35 m (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 8-74610 High production Non Sanding primer 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^2 (1-15 Washprimer recommended).

Painting Plastic Parts: 8-746 High Production Non-Sanding Primer White GS903 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 White GS903

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
1-171 Uni Thinner Very Slow
8-181 HS420 Special Thinner
1-60 1K Plastic Primer
47-91 Spot Repair Thinner
1-231 Fade-Out Thinner

8-181 HS420 Special Thinner (Recommended for tempertures above 25°C).

POT LIFE AT 20°C / 68°F

60 minutes

ADDITIVES

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

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 repairs / 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 TDS for full details on the recommended preparation for plastic parts.

Mask entire vehicle to eliminate unwanted overspray.

After 48 hrs thorough sanding with P 400 - 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

Revision Date: October 2018

8-74610
High Production Non-Sanding Primer
White GS903

PHYSICAL DATA

EU REGULATIONS		
VOC Code		2004/42/IIB(c)(540)480
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 480 g/l VOC.
Chemical Base	2K Polyurethane Primer	
Physical Properties	**Viscosity (RTS)**	15 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1.325
	Flash Point Closed Cup	28°C / 82°F
	Volume % Solids	41,88
	Film Thickness	30 - 35 m
		1,2 - 1,4 mil
	Theoretical Coverage Ready To Spray	14 m²/L/30 m
		570 ft²/Gal/1,2 mil
	Gloss	Low gloss
	Colour	Grey

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).

NOTES
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 Silicone 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.

Revision Date: October 2018

8-74640
High Production Non-Sanding Primer Black GS901

GENERAL INFORMATION

8-746 High Production Non-Sanding Primer Black GS901 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 Black GS901 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
5 : 1 Primer : HS420 Hardener + 25% Uni Thinner

GUN SET UP

	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1.3-1.4	2/29
HE	1.3-1.4	2/29

APPLICATION

1 coat 30 - 35 m (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 8-74640 High production Non Sanding primer 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^2 (1-15 Washprimer recommended).

Painting Plastic Parts: 8-746 High Production Non-Sanding Primer Black GS901 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 Black GS901

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
1-171 Uni Thinner Very Slow
8-181 HS420 Special Thinner
1-60 1K Plastic Primer
47-91 Spot Repair Thinner
1-231 Fade-Out Thinner

8-181 HS420 Special Thinner (Recommended for tempertures above 25°C).

POT LIFE AT 20°C / 68°F

60 minutes

ADDITIVES

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

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 repairs / 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 TDS for full details on the recommended preparation for plastic parts.

Mask entire vehicle to eliminate unwanted overspray.

After 48 hrs thorough sanding with P 400 - 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

Revision Date: October 2018

8-74640
High Production Non-Sanding Primer
Black GS901

PHYSICAL DATA

EU REGULATIONS		
VOC Code		2004/42/IIB(c)(540)480
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 480 g/l VOC.
Chemical Base	2K Polyurethane Primer	
Physical Properties	**Viscosity (RTS)**	15 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1.307
	Flash Point Closed Cup	28°C / 82°F
	Volume % Solids	41,4
	Film Thickness	30 - 35 m
		1,2 - 1,4 mil
	Theoretical Coverage Ready To Spray	14 m²/L/30 m
		570 ft²/Gal/1,2 mil
	Gloss	Low gloss
	Colour	Grey

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).

NOTES

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 Silicone 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.

Revision Date: October 2018