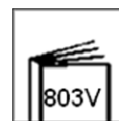




UHS HP CLEAR 0950

1.360.0950

HP CLEAR UHS



HP CLEAR UHS 0950 is a 2K ultra high solid clearcoat with very low solvent content especially formulated to comply with the most restrictive legislation concerning solvent emissions.

HP CLEAR UHS 0950 is designed to be used for spot-repair, full panel, in 2-3 stage finishes. For best results and durability, 3 panels maximum are recommended in the faster drying modes.

HP CLEAR UHS 0950 can also be used on larger repairs with 2860 Hardener, at application temperatures up to 25°C, to give optimum appearance with a 30 minute at 60°C drying time.

HP CLEAR UHS 0950 offers high solid content, coupled with very fast drying and strong film hardness, for repair of panels.

SUBSTRATES

AQUAMAX BASECOAT

PREPARATION



Allow AquaMax to dry thoroughly before application of clearcoat.

Clean with a tackrag before clearcoat application.



	VOLUME
UHS CLEAR 0950	3
UHS HARDENER	1
THINNER	0.6
Note: 6050 Catalyst Thinner is not recommended in combination with 2860 UHS Hardener.	
VISCOSITY- DIN4, 20° C	18-20"
POT LIFE	<div>with 2870 + 2710 / 2720</div> <div>with 2870 + 6050 catalyst thinner</div> <div>with 2860 + 2710 / 2720 / 2730</div>
	<div>30 - 40 minutes @ 20° C.</div> <div>20 - 30 minutes @ 20° C.</div> <div>40 - 50 minutes @ 20° C.</div>

As with all ultra high solids products, cold ready for use paint temperatures can lead to more difficult application and overspray absorption. It is strongly recommended that ready for use product is applied at a temperature greater than 15°C.

Use of 1.954.2880 UHS Hardener Express

This Hardener can be used following the mixing recommendations above with 6050 Catalyst Thinner, but is only suitable for use below 25°C and on small areas such as small vertical panels or components where a high gloss finish is not required. Pot Life is 15 minutes so this combination must be applied immediately after mixing and equipment must be cleaned as soon as application is finished. Use on larger areas may lead to popping caused by the very fast cure rate. This combination may be baked at 60°C for 10 minutes or air dried for 12 hours.

HARDENERS - THINNERS

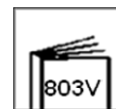
UHS HARDENER	1.954.2870	Fast	Spot and full panel repair.
	1.954.2860	Medium	Partial and total respray below 25°C
THINNER	1.911.2710	Normal	For 15/30 minutes @ 60°C
	1.911.2720	Slow	For 30 minutes @ 60°C, below 25°C
	1.911.2730	Extra Slow	For 30 minutes @ 60°C, above 25°C
	1.921.6050	Catalyst Thinner	For 10 minutes @ 60°C



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ADDITIVES



Antisilicon	AD2341 (1.975.2341)	For further information see TDS No: 411V
Texture Additive - Fine	1.975.5500	See Table on Page 3 of this TDS
Texture Additive - Coarse	1.975.5501	

APPLICATION



Gun setup	<i>Compliant Sprayguns</i>
Gravity spray gun nozzle	1.2-1.4 mm
Pressure at the gun	As per manufacturers recommendations
Number of coats	1 medium coat + 1 full coat or 2 full coats
Suggested thickness	45/60 microns

Important:

Single Visit Process:

Apply one medium, continuous, coat followed by one full coat. The first coat should be applied to all repair panels before the second coat is applied. For less than 3 panels, 2-3 minutes flash between coats. For more than 3 panels, no flash is required.

Two coat Process:

Apply 2 full coats with a 5 minute flash off between coats. DO NOT apply more clearcoat than indicated. The recommended build above is easily obtained.

DRYING



Oven drying	with 2870 hardener / 2710-20 thinner	15 minutes @ 60°C
	with 2870 hardener / 6050 catalyst thinner	10 minutes @ 60°C
	with 2860 hardener / 2710/20/30 thinner	30 minutes @ 60°C
Flash off before oven drying		0-5 @ minutes
INFRARED DRYING		
medium wave		15 minutes
short wave		10 minutes
AIR DRYING	with 2870 hardener	12 hours @ 20°C
	with 2860 hardener	16 hours @ 20°C

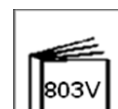
RECOATABILITY

Recoatatable, after sanding



UHS HP CLEAR 0950

GUIDELINES FOR WEIGHT MIXING



Where a specific volume of clearcoat is required, this may be best achieved by weight mixing, using the guidelines below. The weights are cumulative - PLEASE DO NOT tare the balance between additions.

Target Volume of RFU Clear Required (Litres)	Weight Clearcoat 1.360.0950	Weight Hardener 1.954.2870 / 2860	Weight Thinner 1.911.2710 / 2720 / 2730 or 1.921.6050
0.10L	64 g	87 g	98 g
0.20L	128 g	174 g	195 g
0.25L	160 g	218 g	244 g
0.33L	211 g	287 g	323 g
0.50L	319 g	435 g	489 g
0.75L	479 g	653 g	733 g
1.0L	638 g	870 g	977 g
1.5L	958 g	1305 g	1466 g
2.0L	1277 g	1740 g	1955 g
2.5L	1596 g	2176 g	2443 g

Note: 6050 Catalyst Thinner is not recommended in combination with 2860 UHS Hardener.

RATIOS FOR TEXTURED FINISHES

The addition of 1.975.5500 & 1.975.5501 can be used to give a textured finish.

The table below gives a **1L WEIGHT MIX** for various topcoat appearances, ready to spray. The weights in grams are cumulative.

PLEASE DO NOT TARE the scale between additions.

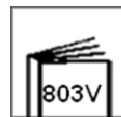
Substrate	Appearance	Clearcoat 0950	Fine Texture 5500	Coarse Texture 5501	UHS Hardener 2870/2860	Thinner 2710/2720 /2730
Rigid	Fine Text.	287g	642g	-	746g	946g
	Coarse Text.	392g	-	709g	851g	960g



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BEST PRACTICES WITH UHS PRODUCTS



PAINT STORAGE CONDITIONS



Keep ready for use paint in good conditions to ensure correct viscosity.
RFU temperature above a minimum of 15°C, and ideally over 18°C.
This includes paint, hardeners and thinners.

MIXING AND MAKING READY FOR USE

Activate accurately, and by weight where ever possible.

Where mixing must be by volume, only use a round and parallel sided mixing container together with the correct mixing stick. If using a measuring container marked in percentages, you must be sure that the percentages give the correct quantities.

Make sure that Hardener and Thinner is mixed in well.
High solids or high viscosity products can take a little longer to mix in, so a good practice is to stir Hardener in first, then add thinner before stirring again.

Use mixed product as quickly as possible.

Choose the correct Hardener for the required bake cycle.

Keep to the recommended levels of additives.
Do not exceed the recommended level of additives such as Flexibilisers.

APPLICATION TECHNIQUE, PROCESS AND EQUIPMENT CHOICES



Use correct spraygun set ups, and set up the spraygun correctly.

Use a "Single Visit" application wherever possible, following the advice given in the application section.

Check that the spraybooth is operating effectively.
If necessary make an oven check to be sure that metal temperature is reached, especially on low down repair areas.



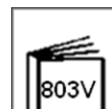
MaxMeyer recommendations are based on time at metal temperature, so this should be allowed for in the bake cycle that is set for the job.



UHS HP CLEAR 0950

TECHNICAL DATA

Packsize	5 Ltr
Storage	Store in a cool dry place away from heat
Theoretical coverage	10,2 sqm/l of ready for use product, 50 microns thickness



VOC INFORMATION

The EU limit for this product (product category: IIB.d) in ready for use form is max. 420g/l of VOC.
The VOC content of this product in ready for use form is max. 420 g/l.
Depending on the chosen mode of use, the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

NOTE:

Combinations of this product with 1.975.1208, 1.975.5500 or 1.975.5501 will produce a paint film with special properties as defined by the EU Directive code.

In these specific combinations: The EU limit value for this product (product category: IIB.e) in ready to use form is max. 840g/litre of VOC.

SAFETY AND HANDLING

These products are for professional use only and are not to be used for purposes other than those specified.

The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

For Health and Safety information, please refer to the material Safety Data Sheet, also available at:
www.maxmeyer.com



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