



HP MULTIGREY EXTRA

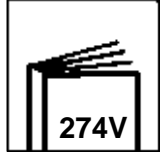
1.856.5101

1.856.5104

1.856.5106

(1.954.6000/8000 Hardeners)

2K ACRYLIC FILLER FOR HIGH PRODUCTIVITY WHITE (5101) - GREY (5104) - DARK GREY (5106)



HP Multigrey Extra is a range of 2K primer surfacers suitable for a wide range of repair work in the refinish bodyshop. Versatile and easy to apply and sand, they offer excellent film build, surface levelling and gloss holdout over a wide range of substrates such as sound original paintwork, bare steel, polyester body fillers and suitable adhesion primers.

By combining 5101, 5104 and 5106 (see **MultiGrey** section), the MultiGrey range of primers can be obtained. In this way the topcoat consumption and the total repair process time may be optimised.

SUBSTRATES

Unfinished, degreased and sanded pre-etched sheet metal (small areas only).
Polyester putty, glass fibre reinforced plastic and gel-coat, sanded with P180-P320 paper.
Old paintwork in good condition, sanded.

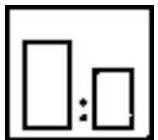
Important:

When painting old solvent sensitive paintwork, make sure that the surface is free from cracks, and always apply to the entire panel. **HP Multigrey Extra** is not suitable for isolating thermoplastic paints or those likely to flake off, but is restricted to even-out surfaces with different absorption rates.

PREPARATION

Clean the surface with water (preferably warm) and detergent. Sand paintwork with P400-P500 paper. Degrease with anti silicone Degreaser 3600 or AQUAMAX® Precleaner. In order to guarantee maximum corrosion resistance on bare metal apply a full covering coat of 7050 CFE Primer.

	PRIMER FILLER	
	VOLUME	WEIGHT
HP MULTIGREY EXTRA	4	1000
HARDENER 6000/8000	1	158
THINNER 2710	0 – 0.5	0 - 66
Note: For accurate activation and thinning, weight mixing is recommended (See page 3).		
VISCOSITY DIN4, 20°C	24 - 28"	
POT LIFE	90 minutes @ 20°C	





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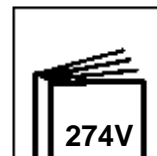
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HARDENERS - THINNERS



HARDENER	6000	Rapid	Partial repairs below 25°C and spot repairs over 25°C. Spot repairs below 25°C.
	8000	Extra rapid	
THINNERS	2710	Normal	

APPLICATION



CYCLE

Equipment

PRIMER SURFACER

Compliant High transfer efficiency (HVLP)

Fluid Tip (mm)

1.6 - 1.8 1.6 - 1.8

Spray-Gun pressure (bar)

2 0.5 - 0.7 at Air Cap

Number of coats

3 Full Coats

Recommended thickness

75 - 150 microns

Maximum thickness

150 microns

DRYING



AIR DRY

Interval between coats

Until Matt

Ready for sanding (at 20°C at 100 microns)

3 - 4 hours

Ready for sanding (below 20°C at 100 microns)

Overnight

LOW BAKE AND INFRA-RED

Flash-off before drying

Until Matt

Low bake

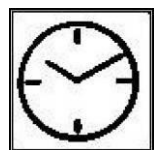
30 minutes @ 60° C metal temperature

Infra-red

medium wave

12 minutes

actual time may vary depending on equipment used, refer to manufacturers recommendations



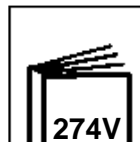
Important:

Make sure that **HP Multigrey Extra** is completely hardened before sanding so as to avoid possible absorption and shrinkage.



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WEIGHT MIXING CHARTS

WEIGHT MIXING FIGURES 4 : 1 : 0.5

Weights are in grams & cumulative. Do not tare the balance between additions

Target Paint Volume (L)	0.25 L	0.33 L	0.50 L	0.66 L	1.00 L
5101 / 5104 / 5106	280	370	560	739	1120
Hardener 6000 / 8000	324	428	648	856	1297
Thinner 2710	343	453	686	905	1371

MULTIGREY MIXES USING 5101 / 5104 / 5106

% MIX BY WEIGHT	M1	M3	M4	M5	M6
5101 Light Grey	100	75	--	--	--
5104 Grey	--	25	100	48	--
5106 Dark Grey	--	--	--	52	100

MultiGrey shades are selected according to topcoat colour. The recommended MultiGrey shade for any colour can be referenced in the MaxMeyer colour information systems.

After selecting the correct MultiGrey shade for the topcoat colour, the primer shades are made by reference to the chart above. MultiGrey M1, M4 and M6 are available straight from the can.

MultiGrey 3 can be made using blends of 5101/5104 as indicated above.

MultiGrey 5 can be made using blends of 5104/5106 as indicated above.

Mix with hardener & thinner as indicated in this TDS before application.

RECOATABILITY

Fully recoatable after curing and sanding.

SANDING

DRY	Single Layer Direct Gloss – P400 or finer	Basecoat – P500 or finer
WET	Single Layer Direct Gloss – P800 or finer	Basecoat – P1000 or finer



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FINISHES

Primer surfacer can be directly topcoated with UHS DURALIT EXTRA and AQUAMAX BASECOAT. If primer surfacers are left for more than 2 days after sanding, they should be sanded again prior to application of further undercoat or topcoat.



VOC INFORMATION

The EU limit value for this product (product category: IIB.c) in ready to use form is max. 540g/litre of VOC. The VOC content of this product in ready to use form is max. 540g/litre. 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.

TECHNICAL DATA

Pack size	3 Ltr
Storage	In a cool place away from heat source
Theoretical coverage	4.1 sqm/l mixed ready for use, 100 microns thickness



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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