



HP MULTIGREY EXTRA

1.856.5101

1.856.5104

1.856.5106

(1.954.6000/8000 Hardeners)



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.

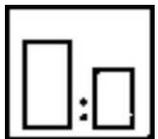
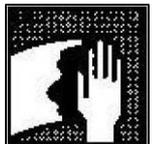
By combining 5101, 5104 and 5106 (see **MultiGrey** section), the MultiGrey range of primers can be obtained. In this way the topcoat consumption and the total repair process time may be optimised.

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.

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	





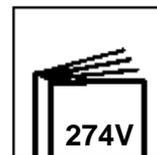
HP MULTIGREY EXTRA

1.856.5101

1.856.5104

1.856.5106

(1.954.6000/8000 Hardeners)



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	



CYCLE

Equipment

PRIMER SURFACER

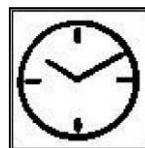
Compliant High transfer efficiency (HVLP)

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	



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.



HP MULTIGREY EXTRA

1.856.5101

1.856.5104

1.856.5106

(1.954.6000/8000 Hardeners)



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.

WEIGHT MIXING CHARTS FOR USE AS A Roll Primer

WEIGHT MIXING FIGURES 4 : 1 : 0.25

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	296	391	592	782	1184
Hardener 6000 / 8000	343	453	686	905	1372
Thinner 2710	353	466	705	931	1411

Process:

1. Use of good quality high-density foam rollers is essential.
2. Load the roller fully.
3. Ensure the first coat covers the largest area. Subsequent coats should be applied just inside each other.
4. Apply paint from the centre of the repair patch, rolling outwards using light pressure.
5. Use the roller with less paint loading to 'feather' out hard edges of each coat.
6. Allow the paint to flow out on the panel; avoid over-working, as this can leave an uneven surface.
7. When one coat becomes matt, it is ready for the next coat.

Number of coats: Apply 4 coats to give a film thickness of 75 - 125 microns (3 - 5 thou.)

Flash-off at 20°C Between coats: Approx. 5 minutes

DRYING TIMES:

Air-dry at 20°C: 3 - 4 hours (Depending on film thickness)

Stoving at a metal temperature of 60°C: 20 - 30 minutes

Infra-red drying times given require the short wave infra-red lamp to be positioned 70-100 cm away from the panel. Use IR unit on half power for 5-7 minutes before applying full power for approximately 12-15 minutes. Drying times will depend on the type of infra-red lamp used. Drying time will depend on film thickness.

Fully recoatable after curing and 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



HP MULTIGREY EXTRA

1.856.5101

1.856.5104

1.856.5106

(1.954.6000/8000 Hardeners)

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.



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



For further information please contact:
PPG Industries (UK) Limited. MaxMeyer Division Customer Service & Sales Group, Needham Road,
Stowmarket, Suffolk. IP14 2AD, England.
Tel: 01449 771779 Fax: 01449 773495

MaxMeyer, the MaxMeyer logo and AquaMax are trademarks of PPG industries Ohio, Inc..
Copyright © 2019 PPG Industries Ohio, Inc. All rights reserved.
Copyright in the above product numbers that are original is asserted by
PPG Industries Ohio, Inc..

