



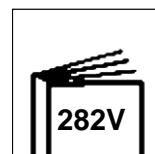
## RAPID PRIMER

1.856.7101

1.856.7104

1.856.7106

**FAST 2K HIGH SPEED AND BUILD.  
LIGHT GREY (7101) - GREY (7104) - DARK GREY (7106)**



MaxMeyer is extending its Primer range introducing the new Rapid Primers platform. This new HS 2 component acrylic primer has been optimized to be compatible with AQUAMAX® & AquaMax Extra or UHS Duralit Extra. Suitable for both spot and full repaints, this product was developed to allow fast drying and easy sanding. 710x can be used on any size of repair (from a few panels to a total respray) across different temperatures conditions, thanks to the broad combination with existing hardeners and thinners.

### SUBSTRATES

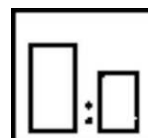
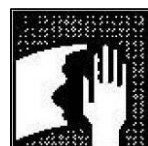
Unfinished, degreased and sanded sheet steel (small areas only).  
Etch primer all other bare metals and large areas of bare steel.  
Polyester putty, glass fibre reinforced plastic and gel-coat, sanded with P280-320 paper.  
Old paintwork in good condition, sanded.

**Important:** When painting old solvent sensitive paintwork, make sure that the surface is free from cracks, and always apply to the entire panel. **Rapid Primer** 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 existing paintwork surface with water (preferably warm) and detergent. Sand paintwork with P280-320 paper. Degrease with anti silicone Degreaser 3600 or AQUAMAX® Precleaner. In order to guarantee maximum corrosion resistance on bare metal 1-2 coats of HP Aerosol Primer can be applied first.

|                               | Filler Volume  |              |
|-------------------------------|--|--------------|
|                               | HS Hardener  | UHS Hardener |
| Rapid Primer                  | 4  | 5            |
| HS Hardeners 4000, 6000, 8000 | 1  | 1            |
| Thinner 27xx, 43xx            | <b>Note: For accurate activation and thinning, weight mixing is recommended(See page 3).</b> |              |
| VISCOSITY DIN4, 20°C          | 18-27 sec. Or higher pending on dilution ratio"  |              |
| POT LIFE                      | 30-40 minutes @ 20°C   |              |





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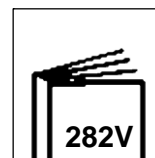
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## HARDENERS - THINNERS

|          |            |                |                             |
|----------|------------|----------------|-----------------------------|
| HARDENER | -8000      | Rapid          | Repairs below 20°C          |
|          | -6000      | Standard       | Repairs between 20-30°C.    |
|          | -4000      | Slow           | Repairs above 30°C.         |
| THINNERS | 4305/-2705 | Rapid          | Repairs below 20°C          |
|          | 4310/-2710 | Rapid/Standard | Repairs between 18°C - 23°C |
|          | 4320/-2720 | Standard       | Repairs between 20-30°C     |
|          | 4320/-2730 | Slow           | Repairs above 30°C          |



## APPLICATION

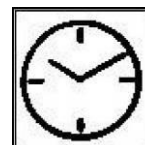
| CYCLE                      | PRIMER FILLER                                  |             |
|----------------------------|--|-------------|
| Equipment                  | <i>Compliant</i>                               | <i>HVLP</i> |
| Gravity Gun Fluid Tip (mm) | 1.6 - 1.8                                      | 1.8 - 1.9   |
| Spray-Gun pressure (bar)   | Refer to spraygun manufactures recommendations |             |
| Number of coats            | 3 full coats (with intermediate flash off)     |             |
| Interval Between Coats     | Until fully matt – Normally 3-5minutes         |             |
| Recommended thickness      | 120-150 microns                                |             |
| Maximum thickness          | 170-200 microns                                |             |

**NOTE! 1st light coat for isolation can be recommended.**



## DRYING

|                                    | AIR DRY 20°C   | Bake 60°C (Metal) |
|------------------------------------|--|-------------------|
| Ready for sanding (at 120 microns) |  |                   |
| Using -8000 Rapid Hardener         | 1.5 hours  | 15mins            |
| Using -6000 Standard Hardener      | 2.5 hours  | 20mins            |
| Using -4000 Slow Hardener          | 3 hours  | 30mins            |
| INFRA-RED                          |  |                   |
| Flash-off before drying            | 5 mins   |                   |
| Medium wave                        | Guide time 10-15 minutes depending on the equipment used.<br>Refer to manufacturers recommendations              |                   |
| Lamp to Panel                      | Infrared drying times given require the short wave infrared lamp to be positioned 70-100 cm away from the panel. |                   |



Make sure that **Rapid Primer** is fully cool & completely hardened before sanding so as to avoid possible absorption and shrinkage.



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## WEIGHT MIXING CHARTS

### WEIGHT MIXING FIGURES 4 : 1 : 1

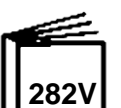
Weights are in grams & cumulative. Do not tare the balance between additions

| Target Paint Volume. | Primer | Hardener | Thinner |
|----------------------|--------|----------|---------|
| 250g                 | 270,2  | 311,0    | 347,3   |
| 500g                 | 540,3  | 622,0    | 694,5   |
| 750g                 | 810,5  | 933,0    | 1041,8  |
| 1000g                | 1080,7 | 1244,0   | 1389,0  |
| 1500g                | 1621,0 | 1866,0   | 2083,5  |



## MULTIGREY MIXES USING 7101 / 7104/ 7106

| % MIX BY WEIGHT | M1  | M3 | M4  | M5 | M6  |
|-----------------|-----|----|-----|----|-----|
| 7101 White      | 100 | 75 | --  | -- | --  |
| 7105 Grey       | --  | 25 | 100 | 30 | --  |
| 7107 Dark Grey  | --  | -- | --  | 70 | 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 7101/7104 as indicated above.

MultiGrey 6 can be made using blends of 7104/7106 as indicated above.

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

## SANDING

|     |   |                          |
|-----|---|--------------------------|
| DRY | Single Layer Direct Gloss - P360 or finer | Basecoat – P400 or finer |
| WET | Single Layer Direct Gloss – P600 or finer | Basecoat – P800 or finer |

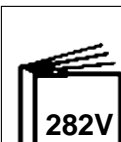
## TOPCOATING

Rapid primer can be directly topcoated with UHS DURALIT EXTRA and AQUAMAX Extra 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.

## PAINTING FLEXIBLE PLASTICS

Rapid primer can be used on suitably cleaned and primed flexible plastics.

20% AD1208 plast (1.975.1208) should be added to the Rapid primer before adding hardener & thinner in the normal way.





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### SAFETY AND HANDLING

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.

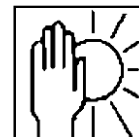
**NOTE:** Combinations of this product with 1.975.1208 will produce a paint film with special properties as defined by the EU Directive code.

**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. The VOC content of this product in ready to use form is max. 840g/litre.



### Storage

In a cool place away from heat source



**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](http://www.maxmeyer.com)

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

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