# PRODUCT DATA SHEET

## ACID CATALYST WHITE PRIMER

<table>
<thead>
<tr>
<th>General:</th>
<th>A two-pack primer filler designed to seal and fill wood-based substrates (mainly MDF) prior to application of a finishing coat of pigmented lacquer.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Codes:</strong></td>
<td><strong>Product code</strong></td>
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<tr>
<td>Acid Catalyst White Primer</td>
<td>00 168 1679</td>
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<tr>
<td>Acid Catalyst (10:1 mix by volume)</td>
<td>12 834 1570</td>
</tr>
</tbody>
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### Technical Data:

Mylands Acid Catalyst White Primer has been formulated to be applied to MDF surfaces and edges without encountering any of the problems normally encountered when other products are used on this type of substrate – such as retardation of dry when wax is leached out of the MDF by the solvents in these products.

It requires catalysation at 10:1 by volume with Acid Catalyst, 12 834 1570 before use.

The primer has been formulated to have low Formaldehyde emission.

This primer will seal both surface and edges of the MDF.

It sands easily to give a smooth base for the finishing coat of pigmented lacquer.

It is important that the correct amount of catalyst is used with this product as any variation can result in application problems, poor drying and/or poor dry film properties.

Once activated, the primer will have a **pot-life** of 24 - 36 hours (depending on ambient temperature), after which time it will progressively thicken and finally gel.

It is suggested that only the amount of product which will be used in a working day is activated.

### Application:

Always stir the product well before use to ensure all settlement is reincorporated, as insufficient reincorporation will affect the performance. It is important to stir rather than shake as shaking does not always mix in the settlement well enough.

Before use, catalyse the primer 10:1 by volume with Acid Catalyst, 12 834 1570 - ensure that this activation ratio is accurately measured or inferior properties may result (see Technical Data above).

Catalysed primer left overnight should be adjusted for viscosity and mixed 1:1.
### Application (contd):

- with freshly activated product prior to use.
- A minimum spray shop temperature of 15°C is advised when using this product.
- This primer is normally applied by spray methods – Conventional, Compliant, HVLP and Air Assisted Spray are all suitable.
- For hand gun application a pressure of 2.5 - 3.5 bar (40 – 50 psi) is recommended.
- For Air Assisted Airless a fluid pressure of 1 - 3 bar and air pressure of 1 - 2 bar should be suitable.
- One or two coats may be needed, depending on build required – dry and denib with 240 or 320 grit paper between coats (see below for drying time).
- Edges may require an extra coat to fill the pores of the MDF.

### Drying Time:

- The drying times quoted are at 20°C. At temperatures below 15°C and in high humidity, drying times will be extended and film formation endangered.
- Touch dry: 15 – 20 minutes.
- Sanding/recoating: 60 – 90 minutes.
- Drying times may be reduced by force-drying.
- Full cure and hardness should be achieved after 21 – 28 days.

### Coverage:

- The coverage will depend on the type and absorbency of the substrate and the application method, but should be an average of 4 - 6 m² per litre (activated primer).

### Thinners:

- This product is supplied ready for use after catalysis but thinning may be deemed necessary for some application methods, in which case use Acid Catalyst Fast Dry Thinners, 00 164 7290.
- Always activate the primer before thinning to ensure activation ratio is correct.

### Equipment cleaning

- For equipment cleaning use Dual Thinners, 00 802 5432. (Use only for cleaning).

### Packaging:

- Mylands Acid Catalyst White Primer is available in 5 and 20 litre containers as standard.

### Physical Constants:

- VOC level: 600g/litre.

### Health and Safety:

- Refer to Mylands Acid Catalyst White Primer MSDS before use.

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*For further information visit our website [www.mylands.co.uk](http://www.mylands.co.uk) or contact us: 0208 670 9161 sales@mylands.co.uk*