



# TECHNICAL DATA SHEET



## 1670 SERIES

Ultra-Flat  
Self-Priming  
Acrylic Latex

### DESCRIPTION

Our **Absolute Flat 1670** ultra-flat finish is an acrylic latex paint of supreme quality for indoor use. It is specially designed for ceilings and it can be applied directly to new drywall without using a primer sealer. The **Absolute Flat 1670** can be used for commercial, industrial and residential projects.

USE	LIMITATIONS									
<p>This paint is applicable on interior surfaces. <b>Absolute Flat 1670</b> must be applied to surfaces that have been well prepared. It is self-priming and can be applied directly onto porous surfaces that haven't been primed. It is recommended for ceilings. Its ultra-flat finish provides an attenuated gloss on required surfaces and is ideal for open rooms and/or rooms with multiple windows.</p>	<p>Avoid application in all temperatures under 10°C Do not use on flooring Do not apply on glossy surfaces Do not mix with other paints Bases 4 and 5 may require 3 coats when used as a self-primer.</p>									
CHARACTERISTICS	TECHNICAL INFORMATION									
<ul style="list-style-type: none"> <li><b>Absolute Flat 1670</b> does not require the use of a primer sealer on new drywall.</li> <li>This paint will hide most surfaces with two coats or less.</li> <li>It will conceal surface imperfections with its ultra-flat finish.</li> <li>It's outstanding leveling results in a very soft and smooth finish.</li> <li><b>Absolute Flat 1670</b> can easily be sanded after a 4 hour drying time without overloading the sandpaper.</li> </ul>	<table border="1"> <tr> <td rowspan="2"><b>DRYING TIME</b></td> <td>Recoat:</td> <td>To touch:</td> </tr> <tr> <td>4-6 hours</td> <td>1 hour</td> </tr> </table> <p>At 25° Celsius Relative humidity at 50% May differ depending on the colour</p> <p><b>SURFACE COVERAGE (for 3.78 L)</b> 37 - 46 m<sup>2</sup> (400 - 500 ft<sup>2</sup>) May vary depending on the surface porosity</p> <p><b>Recommended film thickness</b> Wet : 3.2 - 4.0 mils Dry : 1.28 - 1.60 mils</p> <p><b>Cleaning</b> Lukewarm soapy water</p> <p><b>Resin</b> Acrylic latex</p> <p><b>Thinner</b> Water</p> <p><b>Inflammability</b> N/A</p> <p><b>Flash point</b> N/A</p> <p><b>% of solids by weight</b> 58%</p> <p><b>% of solids by volume</b> 40%</p> <p><b>VOC</b> &lt;100 g/L</p> <p><b>GLOSS</b> <b>Ultra-flat</b></p> <table border="1"> <tr> <td><b>60°</b></td> <td>1.5 - 2.5%</td> </tr> <tr> <td><b>85°</b></td> <td>1.0 - 1.5%</td> </tr> </table> <p>The value is measured based on the white. The value may vary according to the chosen colour.</p>	<b>DRYING TIME</b>	Recoat:	To touch:	4-6 hours	1 hour	<b>60°</b>	1.5 - 2.5%	<b>85°</b>	1.0 - 1.5%
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TINTING BASES	FORMAT									
	946 ml	3,78 L	18,9 L							
1670-0	White	X	X	X						
1670-1	P Base	X	X	X	max. of 2 oz of colorant/3,78 L					
1670-2	M Base	X	X	X	max. of 5 oz of colorant/3,78 L					
1670-4	D Base	X	X		max. of 8 oz of colorant/3,78 L					
1670-5	A Base	X	X		max. of 12 oz of colorant/3,78 L					
STANDARDS										
<b>CGSB</b>	Type 100									

SURFACE PREPARATION	RECOMMENDED PRIMER
<p>The surface must be dry and clean, without dust, oil, grease, rust and soap. On painted surfaces, it is recommended to clean with a degreaser (T.S.P.) in order to eliminate any contaminant that may harm the adhesion or the curing of the product. Thoroughly rinse the entire surface. The surfaces must be well sanded and dusted.</p> <p><b>Presence of mold:</b> Clean the affected area with a mixture of 1 part bleach to 3 parts water. Thoroughly rinse the entire surface.</p> <p><b>Flaking or peeling paint:</b> Using a scraper, remove the weakened and/or loose paint, then sand the edges of the surface to make it smooth. A repair compound must be used to fill holes and uneven surfaces. Sand with a #100 grit sandpaper.</p> <p><b>New drywall :</b> In order to avoid creating an undesirable texture on the drywall, the joint compound must not be sanded excessively.</p> <p><b>Concrete/Masonry:</b> Wait until the concrete and/or masonry has cured at least 30 days before painting it.</p> <p><b>Aluminum, galvanized metal, and interior ferrous metal:</b> Remove all traces of oxidation (rust), then clean with <b>Metal Plus 467</b>, metal conditioner.</p> <p><b>Wood:</b> The surface must be sanded with a #80 or #100 grit sandpaper to smoothen the surface.</p> <p><b>New or treated wood having been exposed to bad weather:</b> It is strongly recommended that any apparent or undesirable mold growth be neutralized in order to prevent peeling. Use a mixture of 1 part bleach to 3 parts water, let stand for 20 minutes to take effect, then rinse and allow the wood to dry for at least 24 hours.</p>	<p><b>Drywall:</b> Only 2 coats of <b>Absolute Flat 1670</b> can be applied directly onto the surface or the following primers can be used; <b>Proline 6070</b> or <b>Proline Eco 7070</b>.</p> <p><b>Concrete block/rough brick:</b> Only 2 coats of <b>Absolute Flat 1670</b> can be applied directly onto the surface or apply the <b>Proline 6006</b> block filler to level the surface.</p> <p><b>New Concrete:</b> Apply the <b>Absolute Flat 1670</b> directly onto the surface.</p> <p><b>New wood:</b> Only 2 coats of <b>Absolute Flat 1670</b> can be applied directly onto the surface or use the <b>Portico 270</b>.</p> <p><b>Pine knots:</b> Seal the pine knots with the <b>Stop Plus 298</b>.</p> <p><b>Red cedar and redwood:</b> Apply one to two coats of <b>Block Plus 296</b> alkyd based.</p> <p><b>Aluminum, galvanized metal, and interior ferrous metal:</b> Apply a coat of <b>Adhero Plus 290</b>.</p> <p><b>Latex paint:</b> No primer is required.</p> <p><b>Alkyd paint:</b> Apply an undercoat of <b>Adhero Plus 290*</b>.</p> <p><b>Dark colours:</b> Some dark colours may require the application of a dark tinted primer in order to improve opacity. Use <b>Proline</b> products <b>6070-2</b> and <b>6070-4</b> or <b>Adhero Plus 290-2</b> and <b>290-4</b>, available in more than 30 colours.</p> <p><i>If the surface to be primed is not mentioned, please contact an MF Paints distributor for further recommendations.</i></p> <p><i>*See limitations for <b>Adhero Plus 290</b>.</i></p>
<p><b>APPLICATION</b></p> <p>This product is ready to be used and does not require dilution. Mix well before use. Apply one coat or two if necessary. Allow a minimum drying time of 4 hours between each coat for pale colours and 8 hours for dark colours. In order to properly cover the surface, it is recommended to use a 15mm lint free roller and a quality nylon-polyester brush. Clean the brushes and rollers with lukewarm soapy water following their use.</p> <p><b>For spray application :</b> Dilute with a maximum of 10% water.</p> <p><b>Pressure :</b> 2000 to 2500 lb/in<sup>2</sup>*</p> <p><b>Nozzle :</b> 0.015 – 0.019*</p> <p><i>*This data may vary depending on the brand of the equipment manufacturer.</i></p>	<p><b>MAINTENANCE</b></p> <p>Allow a 30 day drying time before proceeding with a first cleaning. Only use mild, non-abrasive cleaners and a soft cloth. Clean the surface using a light, circular motion.</p> <hr/> <p><b>STORAGE</b></p> <p>Store the paint in a dry area and maintain temperature between 10°C and 30°C.</p>

WARRANTY	CAUTION
<p>This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.</p>	<ul style="list-style-type: none"> <li>• Keep away from children's reach</li> <li>• Keep lid closed when not in use</li> <li>• Avoid freezing</li> </ul>

**" Contact your municipality to dispose of the container in an environmentally-friendly manner "**