



# TECHNICAL DATA SHEET



## 290 Series

Undercoat  
Super Adherent  
100% acrylic latex

### DESCRIPTION

**Adhero Plus 290** is a superior quality undercoat made of 100% acrylic latex for indoor and outdoor use. Its exceptional adhesion properties allow to optimize the performance of topcoats. It is easy to apply, without splashing and dries quickly. **Adhero Plus 290** can be used for commercial, industrial and residential projects.

USE	LIMITATIONS
This undercoat is applicable on interior and exterior surfaces. <b>Adhero Plus 290</b> must be applied onto unpainted and painted surfaces that have been properly prepared. It is recommended for metal, matt or glossy ceramic, aluminum, fiberglass, melamine, vinyl siding, galvanized steel, prepainted steel and for oil based paint or varnish without silicone. <i>(See limitations and surface preparation)</i>	Avoid application in all temperatures under 10°C Do not apply under direct sunlight In order to ensure a maximal adhesion, oil paints or varnishes containing a silicone require a solvent based primer <b>(Block Plus 296)</b> In order to prevent deformation of vinyl siding, do not use a darker colour than the original Do not mix with other paints

CARACTERISTICS	TECHNICAL INFORMATION																													
<ul style="list-style-type: none"> <li><b>Adhero Plus 290</b> firmly clings to most surfaces, even the most difficult. <i>(see limitations and applications)</i></li> <li>It is available in our tintable primer system.</li> <li>It is made with a fungicide that will delay the growth of mold.</li> <li><b>Adhero Plus 290</b> will bind the fibers together on fibrous wood surfaces, in order to prevent cracking.</li> </ul>	<table border="1"> <tr> <td rowspan="2"><b>DRYING TIME</b></td> <td>Recoat:</td> <td>To touch:</td> <td colspan="2">Exterior:</td> </tr> <tr> <td>4-8 hours</td> <td>30 minutes</td> <td>Bases 0 and 2 Plan for dry weather 24 hours after application</td> <td>Base 4 : Plan for dry weather 60 hours after application</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</p> <p><b>Recommended film thickness</b> Wet : 3.2 - 4 mils Dry : 1.22 - 1.52 mils</p> <p><b>Cleaning</b> Lukewarm soapy water</p> <p><b>Resin</b> 100% 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> 50%</p> <p><b>% of solids by volume</b> 38%</p> <p><b>VOC</b> &lt;100 g/L</p> <p><b>GLOSS</b> 60° N / A 85° N / A</p>	<b>DRYING TIME</b>	Recoat:	To touch:	Exterior:		4-8 hours	30 minutes	Bases 0 and 2 Plan for dry weather 24 hours after application	Base 4 : Plan for dry weather 60 hours after application																				
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## SURFACE PREPARATION

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.

**Presence of mold:** Clean the affected area with a mixture of 1 part bleach to 3 parts water. Thoroughly rinse the entire surface.

**Flaking or peeling paint:** Using a scraper, remove the weakened and/or loose paint, then sand the edges of the surface to make it smooth. A repair compound should be used to fill holes and uneven surfaces. Sand with a grade #100 sanding paper.

**Glossy surfaces:** Sand to ensure excellent adhesion. Clean sanding residue.

**Alkyd based paint:** Sand to ensure excellent adhesion. Clean sanding residue. Some alkyd or silicone-based paints require an alkyd-based primer (**Block Plus 296**) to ensure maximal adhesion.

**Concrete / Masonry:** Wait until the concrete and/or masonry has cured at least 30 days before painting it.

**Melamine:** Thoroughly clean the surface with a degreaser, rinse and then sand with 100 grit sandpaper.

## APPLICATION

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.

**For spray application :** Dilute with a maximum of 10% water.

**Pressure :** 2000 to 2500 lb/in<sup>2</sup>\*

**Nozzle :** 0.015 – 0.019\*

*\*This data may vary depending on the brand of the equipment manufacturer.*

## MAINTENANCE

Must be covered.

## STORAGE

Store the paint in a dry area and maintain temperature between 10°C and 30°C.

## WARRANTY

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.

## CAUTION

- Keep away from children's reach
- Keep lid closed when not in use
- Avoid freezing

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