



# 290 Series

Undercoat  
Super Adherent  
100% Latex Acrylic

## TECHNICAL DATA SHEET

### DESCRIPTION

Adhero Plus 290 is a high-quality undercoat made of 100% acrylic latex for interior and exterior application. Exceptional adhesion properties increase the performance of topcoats. It is easy to apply, without spatter and dries quickly. Adhero Plus 290 can be used for commercial, industrial and residential projects.

### USE

This undercoat is applicable on interior and exterior surfaces. Adhero Plus 290 can be applied onto unpainted and painted surfaces that have been properly prepared. It is recommended for aluminum, fiberglass, melamine, vinyl siding, galvanized steel, pre-painted steel and for oil-based paint or varnish without silicone.

(See limitations and surface preparation)

### ADVANTAGES

- Adhero Plus 290 binds fibers together on fibrous surfaces such as wood to prevent cracking
- Promote optimal adhesion (see limitations)
- Can be covered with water-based or solvent-based paint
- Available in tintable bases

### LIMITATIONS

- Not designed to seal new wood which may bleed such as: (Red cedar, redwood, plywood, recomposed and glued wood, exotic wood or any other wood with bleeding)
- Do not apply below 10 ° C (50 ° F)
- Do not apply in direct sunlight.
- Do not apply on rusty metal
- To prevent warping of exterior vinyl siding, do not use a color darker than the original
- Do not mix with other paints
- Cannot be apply over alkyd contained silicone
- Do not apply over ceramic.
- To ensure maximum adhesion, alkyd paints or varnishes containing silicone require good surface preparation and a solvent-based primer (Block Plus 296)

### TECHNICAL DATA

|                  |                   |                    |     |
|------------------|-------------------|--------------------|-----|
| Resin            |                   | Latex 100% Acrylic |     |
| Colour           |                   | White & bases      |     |
| Cleaning         |                   | Water              |     |
| Inflammability   |                   | NA                 |     |
| Flash Point      |                   | NA                 |     |
| Solids by weight |                   | 58                 | %   |
| Solids by volume |                   | 38                 | %   |
| VOC              |                   | <50                | g/l |
| Gloss            | 60°               | N/A                |     |
| Sheen            | 80°               | N/A                |     |
| Standards        | ONCG Type IGP 100 |                    |     |

### APPLICATION DATA

|  |  |                      |                                   |
|--|--|----------------------|-----------------------------------|
| At 25° Celsius   |  |                      |                                   |
| Relative humidity at 50%   |  |                      |                                   |
| May differ depending on the colour                               |  |                      |                                   |
| <b>Spreading Rate</b>  |  | 37-46 m <sup>2</sup> |                                   |
|  | May vary depending on the surface porosity | (400-500sqft)        | gallon                            |
| <b>Film Thickness</b>  | Wet  | 3,2-4,0              | mils                              |
|  | Dry  | 1,22-1,52            | mils                              |
| <b>Drying Time</b>   | Tack free                                  | 30                   | min                               |
|  | Recoat                                     | 4-8                  | hours                             |
|  | Cleaning                                   | N/A                  | days                              |
| <b>Application</b>   | Brush                                      | √                    |                                   |
|  | Roller                                     | √                    |                                   |
|  | Spray (Buse 0,015-0,019)*                  | 2000-2500            | lb/po2                            |
| *This data may vary depending on the equipment of a manufacturer |  |                      |                                   |
| <b>Exterior application and condition</b>                        |  | yes                  |                                   |
| <b>Base 0</b>  | No rain expected following application     | 24                   | hours                             |
| <b>Bases 2-4</b>   | No rain expected following application     | 48                   | hours                             |
| <b>Storage</b>   | Temperature                                | 10 et 30             | °C                                |
| <b>Format</b>  | 946ml                                      | 3,78L                | 18,9L                             |
| 290-0  | √  | √                    | √                                 |
| 290-2 Base M   | √  | √                    | x max. 8 oz of colorant / 3,78 L  |
| 290-4 Base D   | √  | √                    | x max. 11 oz of colorant / 3,78 L |



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### SURFACE PREPARATION

**The surface should be dry and clean**, free from dust, oil, grease, rust and soap. On an already painted surface, it is recommended to clean with a degreaser (TSP) in order to remove any contaminant that could interfere with the adhesion and the hardening of the product. Rinse the entire surface thoroughly. Surfaces must be well sanded and dusted.

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

**Peeling:** Using a scraper, remove the weakened paint, then sand the edges of the surface to make it uniform. Fill holes and uneven surfaces with repair compound.

**Chalking:** Scrub with a wire brush and / or pressure washing.

**Presence of efflorescence:** Must be removed by pressure washing and / or with muriatic acid

**Alkyd-based paint without silicone or glossy surface:** Sand to ensure excellent adhesion. Clean off sanding residue.

**Alkyd-based with silicone:** Use an alkyd-based primer (Block Plus 296) to ensure maximum adhesion

**Concrete / Masonry:** Wait until concrete / masonry has hardened at least 30 days, and no efflorescence salt should be present before covering it

**Melamine:** Make sure to clean the surface well with a degreaser, rinse then sand with a # 100 grit sandpaper.

**Aluminum, galvanized metal, new interior ferrous metal:** Remove all traces of oxidation (surface rust), then clean with Metal Plus 467, Conditioner for metal.

**Wood (EXCEPT: red cedar wood, redwood, exotic plywood, recomposed and glued wood and any wood with bleeding):** The surface should be sanded with # 80 or # 100 grit sandpaper to open up the wood grain. Cover pine knots with Stop Plus 298 to slow bleeding. For red cedar or redwood, plywood or any other wood with bleeding use the Plus 296 block.

**Warning: Wood is a natural material and although it is treated, bleeding may recur over time.**

### APPLICATION

This product is ready to use and does not require dilution. Mix well before use. Apply a coat or two if necessary. Allow a minimum of 4 hours drying time between each coat. In order to cover the surface well, it is recommended to use a 15mm lint free roller and a quality nylon-polyester brush. Clean rollers and brushes with warm soapy water after using them.

For spray application: May be thinned with a maximum of 10% water.

Pressure: 2000 to 2500 psi \*

Nozzle: 0.015 - 0.019 \*

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

### MAINTENANCE

Must be topcoated.

### WARRANTY

This product will give complete satisfaction if applied according to the manufacturer's instructions. In the event that this is found to be defective after inspection, the manufacturer's liability is limited to replacement of the product and does not include labor during application.

### CAUTION

- Keep out of the reach of children
- Keep container closed when not in use
- Avoid freezing

**CONTACT YOUR MUNICIPALITY TO DISPOSE OF THE CONTAINER IN AN ENVIRONMENTALLY-FRIENDLY MANNER**