



# 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 matt or glossy ceramic, 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

- Do not apply below 10 °C (50 ° F)
- Do not apply in direct sunlight.
- To prevent warping of exterior vinyl siding, do not use a color darker than the original
- Do not mix with other paints
- To ensure maximum adhesion, alkyd paints or varnishes containing silicone require good surface preparation and a solvent-based primer (Block Plus 296)

### Technical Data

<b>Resin</b>	Latex 100%	
	Acrylic	
<b>Color</b>	White &	30+ colors
<b>Solvent</b>	Water	
<b>Cleanig tools</b>	Water	
<b>Flash Point</b>	N/A	
<b>Inflammability</b>	N/A	
<b>Solids by weight</b>	50	%
<b>Solids by volume</b>	38	%
<b>VOC</b>	<100	g/l
<b>Gloss</b>	60°	N/A
<b>Sheen</b>	80°	N/A
<b>Standards</b>	GCSB Type 1GP100	

### 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>	gallon
	May vary depending on the surface porosity	(400-500sqft)	
<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	10	mm
	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 conditions</b>		Yes	
Base 0	No rain following the application up	24	hours
Base 2 et 4	No rain following the application up	48	hours
<b>Bases</b>	<b>Formats</b>		
	946ml	3,78L	18,9L
290-0	√	√	√
290-2 Base M	√	√	x
290-4 Base D	√	√	x
			max. 8 oz de colorant / 3,78 L
			max. 11 oz de colorant / 3,78 L



# 290 Series

**Undercoat  
Super Adherent  
100% Latex Acrylic**

## TECHNICAL DATA SHEET

### 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 water. Rinse the entire surface thoroughly.

**Chipping, chalking or efflorescence:** Using a scraper, remove weakened paint, then sand the edges of the surface to make it smooth. For chalking and efflorescence, scrub with a wire brush and / or pressure washing. A repair compound should be used to fill holes and uneven surfaces. Sand with # 100 grit sandpaper. Remove sanding residue.

**Smooth and / or shiny surfaces:** Sand to ensure excellent adhesion. Clean off sanding residue.

**Alkyd-based paint:** Sand to ensure excellent adhesion. Clean off sanding residue.

**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.

**Wood:** The surface should be sanded with # 80 or # 100 grit sandpaper to open up the wood fibers.

**New or treated wood that has been exposed** to bad weather: It is strongly recommended to neutralize any growth of mold, whether visible or not, in order to avoid peeling. Use a mixture of 1 part bleach to 3 parts water, let it act for 20 minutes without drying, then rinse and allow a minimum drying time of 24 hours

### 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 lin 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**