



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

- 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
- 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 1GP 100		

APPLICATION DATA

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



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 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