



C290 SERIES

UNDERCOAT
100% ACRYLIC
SUPER ADHERENT

TECHNICAL DATA SHEET

INTERIOR / EXTERIOR

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

Adhero Plus 290 is an undercoat suitable for both interior and exterior applications. It is designed to enhance adhesion and durability on a variety of surfaces. This undercoat can be applied directly to unpainted surfaces or properly prepared painted surfaces. It is recommended for use on metals like steel and aluminum, ceramic surfaces (both matte and glossy), fiberglass, melamine, vinyl siding, and galvanized or pre-painted steel. Adhero Plus 290 is compatible with oil-based paints and varnishes that do not contain silicone, ensuring compatibility and effectiveness in a wide range of construction and renovation projects. (See limitations and surface preparation).

CHARACTERISTICS

- Adhero Plus 290 firmly clings to most surfaces, even the most difficult. (see limitations and applications)
- It is available in our tintable primer system.
- It is made with a fungicide that will delay the growth of mold.
- Adhero Plus 290 will bind the fibers together on fibrous wood surfaces, to prevent cracking.

LIMITATIONS

- Avoid application in all temperatures under 10°C
- Do not apply under direct sunlight
- To ensure a maximal adhesion on oil paints or varnishes containing silicone, a solvent-based primer is required (Block Plus 296).
- Do not mix with other paints.

TECHNICAL DATA

Resin	100% Acrylic			
Thinner	Water			
Cleaning	Lukewarm soapy water			
Flash Point			N/A	
Inflammability			N/A	
Base	0	2	4	
Solids by weight	47,9	51,6	49,9	%
Solids by volume	34,5	35,0	35,6	%
VOC	<50			g/l
Gloss	60°	N/A		%
Sheen	85°	N/A		%
Standards	CGSB Type 1GP 100			

APPLICATION DATA

Surface Coverage		37-46 m ² (400-500) sqft		3,78 L
May vary depending on the surface porosity				
Recommended Film	Wet	3,2-4,0		mils
Thickness	Dry	1,14-1,41		mils
Drying Time	To touch	30		min
	Recoat	4-8		hours
	Exterior	Bases 0 & 2		Base 4
		Allow, for dry weather, 24 hours after application		Allow, for dry weather, 24 hours after application
At 25° Celsius - Relative humidity at 50% - May differ depending on the colour				
Application	Brush	√		
	Roller	15		mm
	Spray Airless (Nozzle(0,015-0,019)*)	2000-2500		lb/sqin
*This data may vary depending on the equipment of a manufacturer				
Storage	Temperature between		10 and 30	°C
Tinting Bases		Format		Maximum Quantity of colorant
Base	946ML	3,78L	18,9L	OZ/3,78 L
290-0 White	√	√		N/A
290-2 M Base	√	√		max. of 8 oz of colorant / 3,78 L
290-4 D Base	√	√		max. of 11 oz of colorant / 3,78 L



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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.) 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.

Wood: The surface must be sanded with an #80 or #100 grit sandpaper to smoothen the surface. Cover the pine knots with Stop Plus 298 to slow down the bleeding. For red cedar or redwood, use Block Plus 296.

New or treated wood having been exposed to bad weather: It is strongly recommended that any apparent or undesirable mold growth be neutralized 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.

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 light colours and 8 hours for dark colours. To properly cover the surface, it is recommended to use a 15 mm 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/in²*

Nozzle: 0.015 – 0.019*

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

MAINTENANCE

Must be topcoated.

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