



1670

Ultra-Flat
Self-Priming
Acrylic Latex

TECHNICAL DATA SHEET

DESCRIPTION

Absolute Flat 1670 ultra-flat finish is an acrylic latex paint of supreme quality for indoor use. It is specially designed for ceilings and it can be applied directly to new drywall without using a primer sealer. The Absolute Flat 1670 can be used for commercial, industrial and residential projects.

USE

This paint is applicable on interior surfaces. Absolute Flat 1670 must be applied to surfaces that have been well prepared. It is self-priming and can be applied directly onto porous surfaces that haven't been primed. It is recommended for ceilings. Its ultra-flat finish provides an attenuated gloss on required surfaces and is ideal for open rooms and/or rooms with multiple windows.

ADVANTAGES

- Does not require the use of a sealing primer on new gypsum.
- Exceptional leveling and a soft, smooth finish.
- Very good hiding
- Helps conceal surface imperfections with its ultra-matte finish
- Can easily be sanded after a 4 hours dry time without overloading the sandpaper.

LIMITATIONS

- Avoid application at temperatures below 10°C
- Do not use on floors
- Do not use on a glossy surface
- Do not mix with other paints
- Not designed to seal new wood that may bleed such as: (cedar, redwood, plywood, recomposed and glued wood, exotic wood or any other wood with bleeding) (see Recommended Primers)

TECHNICAL DATA

Resin	Latex Acrylic	
Color	White & Bases	
Solvent	Water	
Flash Point	N/A	
Inflammability	N/A	
Solids by weight	58	%
Solids by volume	40	%
VOC	<100	g/l
Gloss	60°	1,5-2,5 %
Sheen	85°	1,0-1,5 %
The value is measured from the white. It may vary depending on the color		
Standards	CGSB Type 100	

APPLICATION DATA

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate	37-46 m ²		gallon
May vary depending on the surface porosity		(400-500sqft)	
Film Thickness	Wet	3,2-4,0	mils
	Dry	1,28-1,60	mils
Drying Time*	Tack free	1	hour
	Recoat	4-6	hours
	Cleaning	30	days
	Final cure	30	days
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			
Exterior application and condition			N/A
Storage	Temperature between	10 et 30	°C
Tinted Based	Format		
	946ML	3,78L	18,9L
1670-0 White	√	√	√
1670-1 Base P	√	√	√
1670-2 Base M	√	√	
1670-4 Base D	√	√	
1670-5 Base A	√	√	
			max. 2 oz de colorant/3,78 L
			max. 5 oz de colorant/3,78 L
			max. 8 oz de colorant/3,78 L
			max. 12 oz de 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 painted surface, it is recommended to clean with a degreaser (TSP) in order to remove contamination that could affect the adhesion and/or the cure of the product. Rinse the entire surface with clean water let it dry then sand it and clean the dust.

Presence of mold: Clean the affected surface with a mixture of 1 part bleach to 3 parts of water. Rinse it and let it dry.

Peeling: Remove mechanically the weakened paint, then sand the surface to make it even. A repair compound should be used to fill holes and uneven surfaces. Sand with # 150 grit sandpaper.

New Drywall: To avoid creating an unwanted texture on the drywall, joint compound should not be sanded excessively.

Concrete / Masonry: Allow concrete / masonry to cure at least 30 days before painting.

Aluminum, galvanized and interior ferrous metal: Remove mechanically the oxidation (rust), then clean with the 467, Conditioner for metal.

Wood: The surface should be sanded with # 80 or # 100 grit sandpaper to improve adhesion.

RECOMMENDED PRIMERS

New Drywall: Apply directly Absolute Flat 1670

Concrete/block / rough brick: Apply Proline 6006 Block Filler to seal and level the texture of the concrete blocks or apply Summum 3100 directly.

Wood without bleeding: Apply Protico 270 or apply Absolute Flat 1670 directly

Wood with bleeding such as (cedar, redwood, exotic, plywood, recomposed and glued wood and any wood with bleeding): Apply one to two coats of Block Plus 296 alkyd-based.

WARNING: WOOD IS A NATURAL MATERIAL AND ALTHOUGH IT IS TREATED, BLEEDING MAY RECAP OVER TIME.

Pine knots: Seal pine knots with Stop Plus 298.

Aluminum, galvanized metal: Adhero Plus 290

Interior metal ferrous not rusted: Adhero Plus 297

Latex paint: No primer is required.

Alkyd paint: one coat of Adhero Hybrid 297.

Dark Colours: Some dark colors may require the application of a primer tinted in a dark color to improve opacity. Use the products Proline 6070-2 and 6070-4 or the Adhero Plus 290-2 and 290-4

APPLICATION

This product is ready to use and does not require dilution. Mix well before use. Apply two coats of paint. Allow 4 hours drying time between coats for light colors and 6 hours for dark colors. In order to properly cover the surface, it is recommended to use a 15 mm lint free roller and a quality nylon-polyester brush. Clean rollers and brushes with warm soapy water after using them.

For spray application: Maybe diluted up to 10% of water.

Pressure: 2000 to 2500 lb/sqin*

Nozzle: 0.015 – 0.019*

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

MAINTENANCE

The paint requires a minimum drying time of 30 days before proceeding with a first cleaning. Use only mild cleaners, without abrasives, and a soft cloth. Clean the surface with a light and circular movement.

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.