



297 Series

Undercoat
Universal
Alkyd Emulsion

TECHNICAL DATA SHEET

Description

Adhero Hybrid 297 is an alkyd emulsion universal undercoat for indoor and outdoor use. It's exceptional adhesion properties allows it to optimize the topcoat performance. Adhero Hybrid 297 will hide most common stains. It is easy to apply and dries quickly. It can be used for commercial, institutional and residential projects.

Use

This universal undercoat is applicable to interior and exterior surfaces. Adhero Hybrid 297 can be applied onto new or already painted surfaces that have been properly prepared. It can be applied directly to alkyd paints, interior ferrous metals with no rust, ceramics, melamine, wood (except wood that is rich in tannin, like cedar and redwood), drywall, bricks, plaster, stucco, concrete and can be recoated after only 4 hours. Adhero Hybrid 297 can be used for water stains on acoustic tiles, common household stains (coffee, pencil, wine). Given the diversity of the stains, we suggest to apply two coats for an optimal result.

Advantages

- The Adhero Hybrid 297 has an excellent adhesion to several kinds of surfaces
- Seals porous surfaces as well as old yellowed gypsum.
- Hides most spots in one or two coats.
- Can be covered with a water-based or solvent-based paint
- Can be sanded after 3 hours of drying.

Limitations

- Do not apply below 10 °C (50 ° F)
- Do not apply in direct sunlight.
- Do not mix with other paints
- Not designed to block the smell of smoke
- Do not apply at the end of the day outdoors when dew is forming
- Must be covered

Technical Data

Resin	Alkyd emulsion	
Color	White	
Cleaning	Water	
Inflammability	N/A	
Flash Point	N/A	
Solids by weight	58	%
Solids by volume	40	%
VOC	<50	g/l
Gloss	60°	N/A
Sheen	80°	N/A
Standards	MPI Certifiée Catégorie 172	

Application Data

At 25° Celsius Relative humidity at 50% May differ depending on the colour			
Spreading Rate	37-46 m ² (400-500sqft)		gallon
May vary depending on the surface porosity			
Film Thickness			
Wet	3,2-4,0		mils
Dry	1,28-1,6		mils
Drying Time			
Tack free	30		min
Recoat	4		hours
Cleaning	N/A		days
Light	24		hours
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	24		heures
Shelf Life			
Temperature	10 et 30		°C
Format	946ml	3,78L	18,9L
297-0	√	√	X

Surface preparation



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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

Smoke or stain damaged areas: Once the surface has been cleaned, apply the undercoat and let it dry for 4 hours. Next, apply the topcoat on a small area to test if there is any bleeding. If the stain bleeds through, apply another coat of the undercoat. Let it dry overnight before testing the topcoat again.

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 10mm 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

Application