

ALT Finish 288 Resin (un-pigmented)



Product Data Sheet

Description

ALT Finish 288 Resin (un-pigmented) is a UV stabilized high performance two-component, rapid-curing, poly methyl-methacrylate based resilient acrylic finish.

Product Use

ALT Finish 288 Resin (un-pigmented) is combined with ALT Pigment 288 color additive and used as an aesthetic topcoat and sealer in conjunction with ALT roofing, waterproofing and surfacing systems. ALT Finish 288 Resin (un-pigmented) may be applied as a smooth color topcoat, with broadcast aggregate, or mixed with ALT A-S Additive to provide a slip-resistant surface.

Colors

ALT Finish 288 Resin (un-pigmented) may be mixed with standard or custom colored ALT Pigment 288 additive. Custom colors are available on request subject to special order quantity and pricing.

Packaging

ALT Finish 288 Resin (un-pigmented) is supplied in 8.5-kg re-sealable drums with locking rings. Combined with ALT Pigment 288 additive, total resin weight is 10-kg.

Coverage Rates (approximate)

Application	Consumption	Ft ² /unit
0.4 – 0.8mm aggregate:	0.06 kg/sf (0.7 kg/m ²)	154
0.7 – 1.2mm aggregate:	0.07 kg/sf (0.8 kg/m ²)	134
Smooth surfaces:	0.05 kg/sf (0.6 kg/m ²)	179
A-S Additive application:	0.04 kg/sf (0.5 kg/m ²)	215

See recommendations for specific applications. Yields will vary depending upon the selected system along with shape, size, smoothness & absorbency of the aggregate and substrate.

Storage

Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 32°F(0°C) or above 77°F(25°C). Approximate shelf life is 12-months when left sealed, unmixed and with proper storage.

Application Conditions

This product is recommended for use at substrate and ambient temperatures between 37°F (3°C) and 95°F (35°C).

Mixing & Catalyzing

Thoroughly mix the entire drum of resin for 2-3 minutes. Using a slow-speed mechanical agitator, slowly add the entire contents of ALT Pigment 288 to R288 Finish un-pigmented resin component while stirring; continue mixing for 2 to 5-minutes or until achieving a uniform streak-free color. Remix before each use, and prior to pouring off resin into a second container if batch mixing. Catalyze only the amount of material that can be used within 15-20 minutes. Add pre-measured catalyst to resin component and stir for 2-minutes using a slow-speed mechanical agitator or stirring stick.

ALT Catalyst required per 1-kg of resin used					
6% Catalyst 37°F to 50°F (3°C to 10°C)		4% Catalyst 50°F to 68°F (10°C to 20°C)		2% Catalyst 68°F to 95°F (20°C to 35°C)	
g	kg	g	kg	g	kg
60	.06	40	.04	20	.02

NOTE: ALT Pigment 288 additive does not affect shelf-life or storage of ALT R2288 Finish Resin; addition of ALT Catalyst required to initiate polymerization of liquid resin.

Working Times (at 68°F (20°C))

- Pot Life: approx. 15-minutes
- Rainproof: approx. 30-minutes
- Next Coat: approx. 1-hour
- Fully Cured: approx. 3-hours

The times noted above are approximate, provided as a guideline, and may vary. Actual set times and cure should be established in the field based on actual field conditions.

Tool Cleaning

When work is interrupted or completed, tools must be thoroughly cleaned with ALT Activator before the resin hardens.

Safety Recommendations

Refer to product Safety Data Sheet (SDS) prior to use or handling.

Disposal

Catalyzed and cured resin may be disposed of in standard landfills. Uncured resin is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations.

Ordering Information

ALT Finish 288 Resin
#123-000-005U 8.5 kg drum

Application Guidelines

Handling

Keep away from open fire, flame or any ignition source. Vapors may form explosive mixture with air. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in area of application. Refer to product Safety Data Sheet (SDS) for additional information pertaining to this product and prior to use or handling.

Personal Protection Equipment

Workers should wear appropriate clothing to protect from accidental skin contact. When mixing or applying this product workers must use butyl rubber or nitrile gloves. Safety glasses with side shields are required for eye protection.

In enclosed spaces, use local exhaust ventilation to maintain worker exposure below TLV. If the airborne concentration poses a health hazard, become irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134. The specific type of respirator will depend on the airborne concentrations. A filtering face piece or dusk mask is not acceptable for use with this product if TLV filtering levels have been exceeded.

Surface Preparation

All substrates must be clean, dry, free of oil, grease, curing compounds, release agents, laitance, gross irregularities, loose, unsound or foreign material such as moss, algae growth, dirt, ice, snow, water or any other condition that would be detrimental to adhesion of resin to the substrate. Mask perimeter and top edge of the area to be primed and flashed to provide clean lines and prevent over-painting of resins. Remove and re-apply masking before resin cures and as required between coats. Apply ALT primer to substrate as required. Refer to ALT "Substrate Preparation & Priming Guidelines" for specific recommendations and requirements. Contact ALT Global Technical Department for recommendations regarding specific applications.

Work Interruptions

ALT Finish 288 Resin should be applied within 12-hours of the ALT membrane application whenever possible. If work is interrupted for more than 12-hours, use ALT Activator to clean and reactivate the in-place ALT membrane. ALT Activator should be wiped on the in-place membrane, allowed 20-minutes evaporation time, and over-coated within 60-minutes of application. ALT Activator should only be applied over an area that can be over-coated within a 60-minute period. Re-apply ALT Activator as required to assure proper reactivation of all transition areas.

Application

After mixing and catalyzing apply resin to clean and prepared substrate at the required consumption using ALT approved rollers, brushes and squeegee. On large areas, the resin should be spread evenly onto the surface using a squeegee and back-rolled to remove puddles. See individual system specifications for specific guidelines regarding application of topcoats and/or surfacing.

Surfacing

ALT offers a wide variety of optional surfacing treatments for aesthetic, anti-slip or mechanical wear. See individual system specifications for specific guidelines regarding application of topcoats and/or surfacing.

ALT Anti-Slip Additive

When a relatively light duty anti-skid substrate is required, ALT Anti-Slip Additive can be mixed with ALT Finish 288 and applied over completed membrane surfaces. Refer to the ALT Anti-Slip Additive product data sheet for specific recommendations for mixing and use. Contact ALT Global Technical Department for recommendations regarding specific applications.

Remarks/Comments

The information provided regarding application of ALT Global products is based on extensive development work, as well as many years of experience, and is given to the best of our knowledge. However, due to the diverse conditions encountered in building construction, it is necessary for the contractor to test the product for its suitability in any given case. We reserve the right to make alterations in keeping with technical developments or improvements.

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