

ALT Finish 220 Clear Resin



Product Data Sheet

Description

ALT Finish 220 Clear Resin is a UV stabilized clear high performance two-component, rapid-curing, resilient poly methyl-methacrylate based acrylic finish.

Product Use

ALT Finish 220 Clear Resin is used as a sealer in conjunction with ALT roofing, waterproofing and surfacing systems using colored aggregates. ALT Finish 220 Clear may yellow over time from UV exposure, and therefore is not recommended for use with white and/or light colored aggregates.

Standard Color/Appearance

ALT Finish 220 Clear is supplied as a transparent resin with a purple hue.

Packaging

ALT Finish 220 Clear Resin is supplied in 10-kg resealable drums with locking rings.

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
Aggregate embedment:	0.05 kg/sf (0.6 kg/m ²)	179

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 6-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 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 10-15 minutes. Add pre-measured catalyst to the resin component, stir for 2-minutes using a slow-speed mechanical agitator or stir stick, and apply to substrate. The amount of catalyst added is based on the weight of the resin used.

ALT Catalyst required per 1-kg of resin used					
4% 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
40	.04	20	.02	20	.02

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 220 Clear Resin

#164-000-005U 10.00 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 coated to provide clean lines and prevent over-painting of resin. Remove and re-apply masking before resin cures and as required between coats. Contact ALT Global Technical Department for recommendations regarding specific applications.

Work Interruptions

ALT Finish 220 Clear 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.

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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