

PRODUCT:

000D220 Proceed® Clear Acrylic Topcoat - Gloss
000D221 Proceed® Clear Acrylic Topcoat - Matte

MANUFACTURER:

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PRODUCT DESCRIPTION:

Proceed Clear Acrylic Topcoats are clearcoats formulated with exterior-grade polymers and are compatible with most waterborne products. They may also be blended with Proceed Painting & Glazing Mediums to adjust gloss, working time and strapdown.

PRODUCT FEATURES:

- Single component, acrylic waterborne formulation
- Excellent, water-white clarity
- Excellent flow and leveling
- Complies with VOC (Volatile Organic Compounds) regulations in all North American jurisdictions

CONTAINER SIZES:

Available in one gallon pails and one quart cans.

000D220-8	Proceed® Clear Acrylic Topcoat - Gloss	128 oz. in 1 gal plastic pail
000D220-7	Proceed® Clear Acrylic Topcoat - Gloss	32 oz. in 1 quart hybrid can
000D221-8	Proceed® Clear Acrylic Topcoat - Matte	128 oz. in 1 gal plastic pail
000D221-7	Proceed® Clear Acrylic Topcoat - Matte	32 oz. in 1 quart hybrid can

TECHNICAL DATA:

Weight Solids	000D220 Clear Acrylic Topcoat – Gloss: 24.4% ± 2% 000D221 Clear Acrylic Topcoat – Matte: 20.6% ± 2%
Density	000D220 Clear Acrylic Topcoat – Gloss: 8.56 lbs. / gallon 000D221 Clear Acrylic Topcoat – Matte: 8.64 lbs./ gallon
Flash Point	>212° F
VOC	000D220 Clear Acrylic Topcoat – Gloss: < 50 grams/liter 000D221 Clear Acrylic Topcoat – Matte: < 100 g/l
Spread Rate	400 sq. ft./gallon at 4 mils dry film. Actual spread rate is highly dependent upon finish design and application technique and may vary. Preparation of a control sample is strongly recommended for accurate estimation of coverage.
Clean-Up	Clean up with soap and water. Dried material may be removed from tools with a citrus based cleaner or acetone.

Recoat Time	Let dry 12 – 24 hours before recoating with other Proceed products.
Full Dry	Product will approach final properties after 28 days of drying, but will continue to cure and harden for 90 days. Ambient conditions of temperature, humidity, and air flow will affect the rate of property development.
Min. Film Formation Temperature	>49° F
Storage and Shelf Life	Store between 45 and 95° F in a stable environment. DO NOT FREEZE. If frozen repeatedly, the product may become unusable. Do not allow material to freeze or be exposed to temperatures exceeding 120 F for extended periods.
Compatibility	Proceed Clear Acrylic Topcoats are compatible with most waterborne acrylic architectural coatings. DO NOT USE with solvent based materials.

BLENDING AND TINTING:

Clear Acrylic Topcoats may be blended in any ratio to produce a full range of sheen.

Clear Acrylic Topcoats may be added to Proceed glazes to adjust gloss and to speed up the working time and strapdown.

Clear Acrylic Topcoats may be tinted with Proceed Pigment Dispersions, or with Proceed Slow-Drying Fluid Acrylics if a weaker tint is desired. Clear Acrylic Topcoats are also compatible with most universal colorants. Use high transparency pigments to maintain the transparency and clarity of the final finish.

Do not add more than 10% Proceed Pigment Dispersion, Universal Colorant, or Slow-Drying Fluids in combination by volume. Use of more than recommended percentage could cause a change in application characteristics or, in the case of dispersions, water sensitivity and durability of the dried finish.

PRODUCT APPEARANCE:

Proceed Clear Acrylic Topcoats have a milky appearance in the containers. This is normal and the material will dry clear.

CONTROL SAMPLE:

Control samples (mock-ups) for each finish and color specified should be prepared for the Architect's, Designer's and/or Owner's review and documented when approved. Installation work should not commence until approval has been given. Control samples should be prepared on the actual substrate material and use the actual materials and techniques specified. The control sample should be of sufficient size to illustrate the range of variations in color and appearance expected in the completed finish. Control samples should be retained until work has been completed and accepted.

A written Finish Design Specification should accompany the control sample. The Finish Design Specification describes each step required in a multi-step finish design, including the materials used, application techniques and procedures required.

If the preparation and/or condition of the jobsite surfaces are in doubt, it is recommended that a control sample of the specified finish be applied at the jobsite to a surface area of sufficient size (no less than 4' x 4') to encompass variations in substrate profile and condition. The accepted control sample may be incorporated into the finished work.

MATERIAL STORAGE AND HANDLING:

Protect materials from extremes in temperature in shipment, storage and handling. Store in dry conditions between 45 and 95° F. Do not allow material to freeze or be exposed to temperatures exceeding 120 F for extended periods.

Maintain and deliver products in the original packaging with manufacturer's labels identifying product, color, lot number and date of manufacture.

Take care to protect packaging from construction dust and debris, which may contaminate the product upon opening of the containers.

APPLICATION CONDITIONS:

Proceed Clear Acrylic Topcoats are waterborne products. Working time, dry-to-touch, and cure times will be influenced by environmental factors such as temperature, relative humidity, and air circulation. Do not apply Proceed Clear Acrylic Topcoats when the substrate or ambient air temperature is below 60° F or in excess of 95° F.

Cold weather conditions

Provide heat as required to maintain the ambient temperature above 60° F. Temperatures above 65° F are preferred. Distribute heat evenly throughout the work area to prevent concentration of heat on work surfaces near heat source(s).

Warm weather conditions

Anticipate accelerated rates of drying in hot and dry conditions, and longer drying times in high humidity conditions. Excessively rapid evaporation from a strong flow of dry air may cause the product to dry on tools and open containers to produce dried particulates that contaminate the finish.

Be aware of localized areas of temperature differentials and air movement (or lack thereof) that can affect the drying rate and working time of waterborne coatings. Such areas include surfaces in close proximity to heating/cooling outlets, open windows, niches, and high ceilings. Providing for a moderate level of air circulation can mitigate these effects.

Protect contiguous surfaces from soiling caused by the application of Clear Acrylic Topcoats.

SURFACE PREPARATION:

Remove all loose paint, dirt, chalk, and contaminants from the painted surface to be coated. Clean thoroughly to remove any waxy, greasy or oily residues. Wipe with a clean, damp rag to remove all sanding dust and construction debris. Do not apply to wet or damp surfaces.

Mildew

Mildew must be neutralized and removed before application. Clean affected areas with a 3:1 solution of warm water to household bleach. Rinse thoroughly with clean water and allow the surface to dry completely before priming the affected area with a stain-blocking primer. Do not add ammonia or detergents to the bleach/water cleaning solution. Wear protective eyewear and gloves. Immediately wash skin that comes into contact with the cleaning solution.

PRODUCT PREPARATION:

Mixing

Using clean, uncontaminated mixing tools, stir or mix material to assure uniformity and that colorants are uniformly dispersed. Clear Acrylic Topcoats may be mixed using a paint shaker or orbital mixer. Take care not to allow dirt, debris, or other materials to contaminate the product.

Thinning

Clear Acrylic Topcoats do not require thinning for roller or brush application, but may be reduced in viscosity to preference with water.

Clear Acrylic Topcoats may be reduced with water or GOLDEN Airbrush Medium 2:1 for use in an HVLP sprayer.

APPLICATION:

Stir well before using.

Proceed Clear Acrylic Topcoats are formulated to maximize flow and leveling. Apply in a smooth thin layer to avoid drips, runs, and puddling in recessed areas of textured surfaces.

Let dry 12 - 24 hours before over coating with other Proceed products.

Brush Application

Clear Acrylic Topcoats may be brush applied as the finish design requires. Use a high quality synthetic bristle brush and “tip” the wet application to ensure even coverage and leveling.

Roller Application

If applying to a smooth surface, apply with a foam roller in a thin even coat .

If applying to a textured surface, a heavier nap (3/8 inch) roller may be used to speed the transfer of material, but spread the Acrylic Topcoats evenly in a thin layer to avoid runs and dripping.

If the Matte finish is applied too thickly it may haze due to the nature of the matting solids. For optimum results, strike off the wet application with a dry foam roller to remove excess material and smooth the texture.

Spray Application

For HVLP (High Pressure Low Volume) spray application:

- Use manufacturer’s recommended needle and air cap for latex paints, typically 40 psi with a 1.4 – 1.8 mm tip

- No reduction is necessary, but Clear Acrylic Topcoats may be reduced with water or Golden Airbrush Medium, if desired.

When spraying, wear eye protection and particulate respirator, and prevent others from coming into contact with spray mist.

Proceed Low Absorbency Base Coat is recommended for Finish Design Specifications that require a tinted base coat as the first step.

CLEANING:

Tools – Clean tools and equipment with soap and water.

Adjacent surfaces – Remove Clear Acrylic Topcoats immediately using water or, if dry, a cleaner such as Formula 409[®]. Clear Acrylic Topcoats will be more difficult to remove after several days of drying.

Finished surface – After 28 days, light scuff marks and non-staining soil may be removed from smooth applications of Clear Acrylic Topcoats with a damp cloth or sponge or a mild detergent.

SAFETY PRECAUTIONS:

Always use safe work practices. Avoid ingestion, excessive skin contact, and inhalation of concentrated vapors and sanding dusts.

RESPIRATORY PROTECTION: None required under normal use. When sanding or spraying, use a NIOSH P100 dust and mist respirator. If conditions warrant, a vapor respirator for protection against ammonia may be used.

VENTILATION: General dilution ventilation is recommended at a level sufficient to keep individuals asymptomatic to inhalation exposure.

PROTECTIVE GLOVES: Gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses (with side shields) or goggles.

WORK/HYGIENIC PRACTICES: All GOLDEN products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials.

FIRST AID:

EYE CONTACT: Flush with water for 15 minutes. SEE DOCTOR if any symptoms persist.

SKIN CONTACT: Wash with soap and water. SEE DOCTOR if skin irritation occurs.

INHALATION: Remove subject to fresh air. SEE DOCTOR if symptoms persist.

INGESTION: If swallowed, dilute by giving 2 or more glasses of water to drink ONLY IF CONSCIOUS! SEE DOCTOR.