

CLRSeal

Product Bulletin

DESCRIPTION

100% acrylic sealer, applied to seal, protect, and enhance the aesthetic appearance of acrylic textured finish.

PACKAGING

40 lbs (18.14 KG) per 5-gallon pail

16 lbs (7.25 KG) per 2-gallon pail

COVERAGE

The coverage rate is 250 to 400 sq.ft/gallon (6.1–9.8 m²/L) depending on application and surface. Exact coverage should be determined by test application.

COLOR

Milky white, dries clear

OPEN TIME

30 minutes depending on temperature and humidity

DRYING TIME

<3 hours at 73 °F (23 °C) depending on temperature, humidity, and surface.

STORAGE

Store in unopened container in a cool, clean, dry area at temperatures between 40° and 85 °F (4° and 29 °C). Keep containers tightly sealed after opening to maintain shelf life freshness. Protect from freezing.

SHELF LIFE

2 years when properly stored.

USES

CLRSeal by Master Builders Solutions is designed to be used on any Master Builder Solutions standard textured acrylic finishes, Wood Grain Effect Finish, and Color Coat.

FEATURES

- Easy to use
- Water-based
- Matte gloss
- Vapor permeable
- Residential size container available for smaller jobs resulting in less waste
- Provides color enhancement and seals
- Fast drying
- UV resistant
- Resists wind driven rain
- Resists dirt pickup
- Enhances color of faded text acrylic surfaces

MIXING

1. Prior to use mix product with gentle stirring action using low speed drill. Do not over mix as this will create excessive air.
2. Additives are not permitted.
3. Keep container closed when not in use.
4. Avoid introduction of any dried product during stirring.
5. Clean tools with soap and water immediately after use.

APPLICATION

Minimum application temperature is 50 °F and rising to maximum of 90 °F. Apply CLRSeal by roller or sprayer. The sealer goes on milky white and dries clear. Do not apply sealer if rain is expected or has occurred within 24 hrs of application. Ensure that windows and surrounding areas are masked to prevent contact with CLRSeal. If contact occurs on windows, remove immediately with a damp cloth before sealer dries.

Note: A small 4 x 4 ft (1.2 by 1.2 m) test application should be done to assure proper coverage rate and desired aesthetic appearance.

Note: Recoat is recommended every three years if needed to enhance gloss level.

Spray Application:

Select appropriate sprayer and tip size by trial application.

Airless sprayer equipment recommendation:

- 1 GPM or 0.54 GPM airless sprayer.
- Tip size: .15 -.17
- Pump pressure and tip size per spray applicator preference
- Refer to manufacturer's instructions and tip offering.

1. Using an airless sprayer, low pressure industrial or garden type sprayer.

Start at the top of the wall surface. Apply sealer across the wood grain panel or finish in a continuous pattern, without breaks. Maintain a wet edge until a logical break point is reached. Ensure application is uniform without excessive build-up or drips on the surface or in reveals, shapes, etc. Remove excess sealer with a brush, roller or cloth.

The sealer goes on milky white color and dries clear.

Note: excessive build-up of sealer will cause sagging, drips and opaque color on drying.

2. Allow to dry overnight, protecting the surface from rain, roof run-off and condensation.

Roller Application:

1. Use a short nap 1/4 inch high quality or foam roller. Start at the top of the wall surface. Apply CLRSeal across the wood grain panel or finish in a continuous pattern, without breaks, maintaining a wet edge until a logical break is reached. Ensure application is uniform without runs or excessive buildup in reveals, special shapes, etc. Remove excess sealer with a brush, roller or cloth.

2. Allow to dry a minimum of 24 hrs, protecting the surface from rain, roof run-off and condensation.

Note: If second coat is required, allow 2 to 3 hours for first coat to dry at ambient conditions of 73 °F (23 °C) and 50% relative humidity. Lower surface, air temperatures and/or high relative humidity will extend this time.

TEST	METHOD	CRITERIA	RESULTS
% Solids	N/A	N/A	27
VOC	EPA Method 24	< 100 g/L	<100 g/L less water and exempt solvent
Wind Driven Rain Resistance	ASTM D6904	No water penetration	Passes
Water Vapor Permeability	ASTM E96B	>10 Perms	14 Perms
System Adhesion	ASTM D4541	Minimum 15 psi	50 psi

*Test results obtained under laboratory conditions. Reasonable variations can be expected.

LIMITATIONS

1. Protect product during transportation and installation to avoid physical damage.
2. Store product in a cool, dry place protected from freezing. Store between 40 °F (4 °C) and 85 °F (29 °C). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
3. Protect work from rain, roof run-off condensation until dry for minimum of 24 hours after coating has dried.
4. Do not apply product to frozen surfaces.
5. Apply only when air and surface temperature is between 50 °F and 90 °F (7 °C and 32 °C). Do not apply if surface or ambient temperature is expected to fall below 45 °F (7 °C) within 24 hours after application.
6. Do not apply to damp or wet surfaces
7. Do not apply over moving cracks.
8. Not for application over elastomeric or Tersus products. For questions regarding application over other products, contact technical services.
9. For professional use only; not for sale to or use by the general public.

TECHNICAL SUPPORT

Consult the Master Builders Solutions Wall Systems Technical Services Department at 800-589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at wallsystems.master-builders-solutions.com/en, for additional information about products and systems and for updated literature.

HEALTH & SAFETY

Follow good safety and industrial hygiene practices during handling and installing products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read Safety Data Sheet and related literature on products before specification and/or installation.

For medical emergencies only call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

WARRANTY

Master Builders Solutions warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS SOLUTIONS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders Solutions. In the absence of an extended warranty issued by Master Builders Solutions, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS SOLUTIONS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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