



1128 KEL-SEAL

Urethane Modified Acrylic Elastomeric Coating

09 90 00 PAINTING AND COATING

Product Description

A premium quality, urethane modified acrylic, exterior elastomeric coating. Features waterproofing, excellent film strength, elasticity, elongation, bridging of hairline cracks and fade resistance. Designed for concrete, concrete block, stucco and masonry surfaces, also suitable for use on primed wood and metal. Excellent for commercial and residential application.

Performance Features

- Improved Color Retention & Fade Resistance
- Improved Adhesion & Blister Resistance
- Reduced Dirt Pick-up & Surface Tack
- Improved Mildew, Fungus & Algae Resistance
- Low Odor and VOC
- Easy Soap & Water Clean Up

Compliance - Performance - Certification

- ✓ Meets Green Seal GS-11 VOC Limits
- ✓ Meets LEED EQ Credit 4.2 VOC Limits
- ✓ Meets CARB VOC Limits
- ✓ Meets SCAQMD VOC Limits
- ✓ Meets National AIM VOC Limits

Product Specifications

Resin Type:	Urethane Modified Acrylic
Color Range:	White, custom colors
Finish:	Flat <3 @ 60° (MPI Gloss Level 1)
Drying Time: (75° F. & 50% R.H.)	To touch: 2 hours To recoat 24 hours.
Practical coverage:	Approx. 80-100 sq ft/gallon
Recommended Dry Film Thickness:	Wet: 16 – 20 mils per coat Dry: 8.0 - 10.0 mils per coat
Weight per Gallon:	10.6 lbs.
Solids by Weight:	61%
Solids by Volume:	50%
Viscosity:	116 -121 KU
Shelf Life:	2 years (unopened containers)
Sizes:	One & five gallon containers
V.O.C.	<50 Grams per liter
Clean Up:	Water

Test Data:

Elongation at Break @ 25° C. (ASTM D2370):	320%
Elongation at Break @ 0° C. (ASTM D2370):	180%
Tensile Strength @ 25° C. (ASTM D2370):	165 psi
Tensile Strength @ 0° C. (ASTM D2370):	445 psi
Cold Temperature Flexibility (ASTM C711):	No cracking
Water Vapor Permeance (ASTM D1653):	20 Perms
Accelerated Weathering (ASTM G26):	No chalking or cracking
Fungus & Mildew Resistance (ASTM D3273):	No growth
Wind Driven Rain (TT-C-555/ASTM D6904):	Passes <0.2 lbs. avg. weight gain
Crack Bridging (B Value = crack width/dry film thickness)	48.7
Dirt Pick-up Resistance (RD-089):	80%
Alkali Resistance (RD-091, 5% NaOH):	No effect
Efflorescence Resistance (RD-092, Tombstone):	No blistering

Surface Preparation

General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, mildew, efflorescence or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces*. Fill holes and surface irregularities with suitable patching compound to match surface profile. Masonry surfaces should be cured a minimum of 30 days prior to coating.

*See warning for existing leaded paint under Precautions.

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System Recommendations

Concrete, Stucco & Masonry:

PRIMER: 247 Acry-Shield 100% Acrylic Masonry Primer
OR 98-001 Stucco Seal
OR: Self-Priming (2 Coats Required)

Wood:

PRIMER: 255 Acry-Shield 100% Acrylic Exterior Wood Primer

Metal, Ferrous or Galvanized:

PRIMER: 1725 Acry-Shield 100% Acrylic Metal Primer

FINISH: 1128 Kel-Seal Urethane Modified Acrylic Elastomeric Coating (2 coats recommended on new work)

Application: Brush, Roll, or Spray

Brush: Use synthetic bristle brush.

Roller: Use 3/4" to 1 1/4" nap quality roller cover, depending on surface profile.

Spray: Airless sprayer is recommended. Use .023 to .027 orifice tip.

Do not apply when material, air, and/or surface temperature is below 50°F or above 90° F or if rain is imminent. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks.

Store at room temperature. Keep from freezing.

Thinning

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

Precautions

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION.

KEEP OUT OF REACH OF CHILDREN.

Proper Disposal

For proper disposal of excess material, please contact your local city or county waste management agency.

Limited Warranty: The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.