

PRODUCT

KELLY-MOORE
PAINT CO.
INFORMATION

1128 KEL-SEAL ACRYLIC TERPOLYMER COATING (SMOOTH)
1129 KEL-SEAL ACRYLIC TERPOLYMER COATING (TEXTURED)

**Elastomeric Waterproofing Coating for New and
Previously Painted Above Grade Masonry Surfaces**

PRODUCT DESCRIPTION

An elastomeric waterproof coating for new and previously painted above grade masonry surfaces. This blend of an acrylic terpolymer elastomer, adhesive agents and special pigments produces a film with high strength, durability, color retention, chalk resistance, elongation and elasticity. This product is free of liquid plasticizers that contribute to tackiness and dirt pickup. 1128/1129 Kel-Seal Terpolymer Coatings meet or exceed Fed. Specs TT-P-19C, TT-P-55B and TT-C-555B by performance. Complies with all current applicable air pollution control regulations.

TYPICAL USES

Exterior above grade masonry, concrete, concrete block, and stucco. Also suitable for wood and metal surfaces.

LIMITATIONS (Not to be construed as all-inclusive)

Not for use below grade. Will not permanently bridge holes or cracks larger than hairline. Not for use over chalky surfaces. Repainting over an elastomeric coating with a conventional paint finish produces a less elastic paint film and may result in craze cracking.

PRODUCT CHARACTERISTICS**SPREADING RATE:**

Concrete Block and Sprayed Stucco:

- 1st Coat: 50-60 sq. ft. per gallon
- 2nd Coat: 60-70 sq. ft. per gallon

Smooth Concrete and Previously Painted Surfaces:

- 1st Coat: 70-80 sq. ft. per gallon
- 2nd Coat: 80-90 sq. ft. per gallon

DRY FILM THICKNESS: 10.0 mils per coat.

SOLIDS: Approximately 50% by volume.

DRYING TIME: (at 75°F. & 50% R.H.): To touch: 2 hours;
to recoat: 24 hours.

FINISH: 1128 - Flat (2-4 on 60° gloss meter)
1129 - Flat (1-3 on 60° gloss meter)

COLOR RANGE: Available in white, standard colors and tint bases. Special colors are available from the factory with minimum order at a nominal additional charge.

SIZES: Five gallon pails.

TECHNICAL DATA:**PHYSICAL DATA**

Elongation: (as a percent of film thickness)

ASTM D-412-75 at 20 mils Dry Film Thickness

1128 Approx. 500%

1129 Approx. 300%

Weatherometer:

ASTM G53-77 2000 hours No Apparent Effect

Low Temperature Flexibility:

180° bend at 0°F. No Apparent Effect.

SURFACE PREPARATION

All fresh concrete and masonry surfaces must be cured (minimum of 30 days dry weather conditions), sound, clean and free from oil, grease, dirt, dust, asphalt, form release agents, stains, mildew, loose paint, efflorescence or other contamination that would adversely affect the appearance or performance of the product.

All non-structural cracks up to 1/32" are to be patched with Kel-Seal Elastomeric Sealant. Cracks over 1/32" are to be repaired with the appropriate Kel-Seal Patching System. Minor surface imperfections and irregularities are to be filled with Kel-Patch 1115. Apply sealants and patching compounds according to printed directions to match the finish texture and surface profile. Etch glossy, glazed or dense surfaces. Previously painted surfaces with only light chalk should be primed with 225 or 240 Surface Conditioner. Heavily chalked or powdery surfaces should be made sound by sandblasting or other appropriate method and then primed with 240 Surface Conditioner.

Limited Warranty

The statements made on this bulletin, product label, 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 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, express 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.

KELLY-MOORE PAINT CO., INC. • 987 COMMERCIAL ST. • SAN CARLOS CA 94070

**1128 KEL-SEAL ACRYLIC TERPOLYMER COATING (SMOOTH)
1129 KEL-SEAL ACRYLIC TERPOLYMER COATING (TEXTURED)
(Continued)**

SURFACE PREPARATION (continued)

Heavily textured or porous concrete block should be filled first to achieve a relatively smooth surface, free of voids, with one coat of Kel-Seal Acrylic Terpolymer Coating rolled into the surface for best filling action.

SPECIAL PRECAUTIONS: Always test for compatibility and adhesion when used over previously coated surfaces. when applied by roller, minimize roller marks by finishing roller passes all in downward direction. Clean equipment thoroughly with water immediately after use.

SPECIFICATIONS**PRIMERS:***Concrete Block:*

1128 Kel-Seal Acrylic Terpolymer Coating (smooth)
1129 Kel-Seal Acrylic Terpolymer Coating (textured)

Concrete or Stucco (clean and sound):

No primer required

Metal (ferrous):

1710 Kel-Guard Zinc Chromate/Red Oxide Primer

Metal (Galvanized):

1722 Kel-Guard Galvanized Metal Primer

Staining Wood:

255 Stain Resistant Acrylic Primer

FINISH:

1128 Kel-Seal Acrylic Terpolymer Coating (smooth) or
1129 Kel-Seal Acrylic Terpolymer Coating (textured)

Apply one to two coats depending on the texture and/or porosity of the surface. A two coat application (total 20 dry mils) is necessary where a written warranty for masonry surfaces is required.

PRODUCT HANDLING

APPLICATION: Stir thoroughly. Application can be by brush, roller or spray. Airless equipment is suitable for 1128 (Smooth). Mastic type equipment is suitable for 1129 (Textured). In order to achieve a waterproof wall, the coating must be applied in a continuous unbroken film, free of pinholes and voids. When sprayed on rough or porous surfaces, back-rolling procedure is recommended to fill holes more efficiently

NOTE: It is difficult to achieve a uniform finish with mastic paints of this type: therefore, an experienced applicator is required. Uniformity and texture pattern are affected by film thickness, substrate, application method and climatic conditions: therefore, THE MANUFACTURER ASSUMES NO RESPONSIBILITY FOR THE FINISHED APPEARANCE.

TEMPERATURE: Do not apply when material, air, and/or surface temperature is below 50°F. Do not apply when rain is imminent (within six hours) or when relative humidity is in excess of 90%. PROTECT FROM FREEZING.

THINNING: DO NOT THIN.

CLEAN-UP: Water

WARRANTY

KELLY-MOORE PAINT COMPANY, INC. warrants the effectiveness of 1128 Kel-Seal Acrylic Terpolymer Coating (smooth) and 1129 Kel-Seal Acrylic Terpolymer Coating (textured) as water repellent coatings on above grade, exterior masonry, concrete and stucco surfaces to the extent of material replacement only when applied properly and in accordance with the manufacturer's printed literature. If requested at least 72 hours prior to application, the manufacturer will provide a five year written limited warranty with the conditions stated herein.

VOC: Maximum 300 GPL.

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MATERIAL SAFETY DATA SHEET essentially similar to form OSHA - 174

***KELLY-MOORE* Paint Company, Inc.**

987 Commercial Street, San Carlos, California 94070

INFORMATION PHONE: 650-592-8337

EMERGENCY: 800-424-9300 (Chemtrec)

I - PRODUCT IDENTIFICATION

PRODUCT NAME

KEL-SEAL ACRYLIC TERPOLYMER COATING

PRODUCT NUMBER

1128-series (all colors)

HMIS CODES:

H F R PP

0 0 0 E

II - HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS REG #</u> | <u>WT PCT</u> | <u>EXPOSURE LIMITS</u> | | <u>VAPOR PRESSURE</u> |
|---------------------|------------------|---------------|--------------------------|------------------------|-----------------------|
| | | | <u>TLV-ACGIH</u> | <u>PEL-OSHA</u> | <u>MM HG AT DEG F</u> |
| ETHYLENE GLYCOL | 107-21-1 | < 5 % | 50 ppm | 50 ppm | 0.1 / 68 |
| SILICA, CRYSTALLINE | 14464-46-1 | < 5 % | 0.05 mg / M ³ | n/a | none |
| ZINC OXIDE | 1314-13-2 | < 5 % | 10 mg / M ³ | 10 mg / M ³ | none |

III - PHYSICAL PROPERTIES

BOILING POINT: 212° F (water)

DENSITY: 10 - 11 # / gal

PERCENT VOLATILE: 47 - 52 % (by volume)

VOC of material (Pounds per gallon): < 0.6

VOC (Grams per liter less water): < 125

VAPOR DENSITY: lighter than air (water vapor)

EVAPORATION RATE: slower than ether

IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Not regulated

FLASH POINT: None

FLAMMABLE LIMITS: n/a

EXTINGUISHING MEDIA: n/a

FIRE AND EXPLOSION HAZARDS: Closed containers may explode (due to the build-up of steam pressure) when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES: None

V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

CONDITIONS TO AVOID: n/a

HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes when heated to decomposition as in welding.

PREPARED BY: *George Hunt*

DATE: 12/3/97

WII



VI - HEALTH HAZARD DATA

- SYMPTOMS/EFFECTS OF EXPOSURE AND OVEREXPOSURE -

PRIMARY ROUTES OF ENTRY: Inhalation, Skin and Eye Contact, Ingestion.

ACUTE: Dizziness, headache, nausea, confusion, irritation to upper respiratory tract, skin & eye irritation.

CHRONIC: Prolonged and/or repeated exposure to high concentrations of respirable (airborne) crystalline silica dusts as may be generated by sanding or grinding of dried paints and other building materials without wearing proper respiratory protection can cause cancer or silicosis, a non-cancerous lung disease that can result in substantial impairment of breathing function.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known. See your physician for specific medical opinion regarding your condition.

- EMERGENCY AND FIRST AID PROCEDURES -

INHALATION: Remove to fresh air. Restore breathing. Consult physician.

EYE CONTACT: Flush with large volumes of water for 15 minutes. Get medical attention.

SKIN CONTACT: Wipe off with a rag. Wash thoroughly with soap and water.

INGESTION: Consult hospital emergency room or Poison Control Center immediately.

VII - PRECAUTIONS FOR HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Ventilate area to prevent build-up of vapors. For small spills, soak up with absorbent. For larger spills, dike area with absorbent material and scoop up liquids.

WASTE DISPOSAL METHOD: Discard in land fill in sealed containers away from heat and flame and in accordance with local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store upright in sealed containers away from heat and flame.

OTHER PRECAUTIONS: The control measures in Section VIII should be followed when you sand this product and most other paints and building materials such as spackles and dry wall compounds.

Remove and wash contaminated clothing before reuse.

VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Use a particle mask (NIOSH/MSHA TC-21C) to avoid breathing spray mist or sanding dust if local ventilation is adequate to keep concentrations within acceptable (TLV) limits. If local ventilation is not sufficient, or where exposure limits are exceeded, wear a suitable, properly fitted respirator (NIOSH/MSHA TC-23C or better) for organic vapors with a dust filter as needed.

VENTILATION: Local cross-ventilation or mechanical exhaust sufficient to keep all hazardous concentrations below prescribed limits.

PROTECTIVE GLOVES: Recommended if necessary to prevent extended exposure.

EYE PROTECTION: Glasses with side shields or goggles are recommended to prevent eye contact.

NOTE: THIS INFORMATION IS BELIEVED TO BE COMPLETE AND ACCURATE. IF ANY QUESTIONS ARISE, CONTACT MANUFACTURER LISTED ABOVE.

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III - PHYSICAL PROPERTIES

BOILING POINT: 212° F (water)

DENSITY: 9 - 10 # / gal

PERCENT VOLATILE: 50 - 55 % (by volume)

VOC of material (Pounds per gallon): < 0.7

VOC (Grams per liter less water): < 150

VAPOR DENSITY: lighter than air (water vapor)

EVAPORATION RATE: slower than ether

IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Not regulated

FLASH POINT: None

FLAMMABLE LIMITS: n/a

EXTINGUISHING MEDIA: n/a

FIRE AND EXPLOSION HAZARDS: Closed containers may explode (due to the build-up of steam pressure) when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES: None

V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

CONDITIONS TO AVOID: n/a

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