



# 1116 KEL-SEAL

## Brush Grade (Smooth)

### Product Description

Kel-Seal Brush Grade, Smooth Elastomeric Sealant is a high technology product. It is formulated to repair hairline cracks in masonry and stucco surfaces. It is highly recommended for use on mobile home roof seams. Kel-Seal Brush Grade is specially formulated to adhere to any clean surface and to seal the joints between masonry, brick, metal, glass, wood, wallboard, etc. May also be used on non-ferrous and primed ferrous metals

### Special Instructions

- Do not use below grade or under water
- Application should be when temperature of air and surface is 50°F (10°C) or above in a 24 hour period
- If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist.
- Never apply to frozen or frost covered substrates.
- Allow "new" concrete to cure for 30 days before any application this product.
- After 30 days, test for alkali presence. Do not apply if pH is above 10.
- Do not apply when the relative humidity is above 90%.

### Surface Preparation

**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](http://www.epa.gov/lead)

All surfaces must be firm and free of dirt, oil, grease, efflorescence, mildew and loose material. Unsound masonry must be wire brushed or blasted for a firm surface. Dirt, loose contaminants and chalk are best removed by high-pressure chemical and water blasting. Any chalk or porous coating not removed by pressure washing must first be sealed with a suitable Kelly Moore surface conditioner.

To remove mildew, scrub with a solution of 3 heaping teaspoons of trisodium phosphate (TSP), 1 quart of hypochlorite household bleach and 3 quarts of warm water. (WEAR PROTECTIVE GOGGLES AND WATERPROOF GLOVES) Rinse thoroughly and allow to dry. Non-structural shrinkage cracks (larger than 1/16" wide) and non-structural movement cracks (larger than 1/16" up to 1/4") must be treated and repaired accordingly

### Application:

Hairline cracks (less than 1/64" wide) do not have to be cut out, providing the surface is sound. Simply bridge the crack(s) by applying Kel-Seal Brush Grade, Smooth Elastomeric Sealant over the center of the crack at a wet film thickness of 1/16". Then with either a broad knife or a brush, "feather" the material to either side of the crack, going from 1/16" at the crack down to zero over a 2" area. This gradual reduction in thickness helps conceal the patch and allows the elongational characteristics of the patching compound to work effectively. Note: if surface is chalking, apply a suitable Kelly Moore surface conditioner before applying material.

DRYING: Allow 24 hours before applying finish coats.

COLOR: White

CLEAN UP: Wash all equipment with warm detergent solution and rinse thoroughly with clear water.

PACKAGING: Quarts and Gallons

GUARANTEE: Kelly-Moore guarantees the replacement of material if proven faulty. Container and proof of purchase must be provided for replacement. All damages, including consequential damage or any remedies are excluded.

### CAUTION:

**Do not take internally.**

**Close container after use. Keep from freezing.**

**KEEP OUT OF REACH OF CHILDREN.**

*See Technical Data next page*

# 1116 KEL-SEAL (cont.)

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<u>PHYSICAL OR PERFORMANCE PROPERTY</u>	<u>TEST METHOD</u>	<u>RESULT</u>
Weight per Gallon	Lab Value	11.4 ± 0.2 lbs
% Solids by Weight	Lab Value	67.9%
% Solids by Volume	Lab Value	55.6%
Elongation	Lab Value	>500%
Viscosity: Centipoises at 77°F	Brookfield (HBT)	55,000 ± 5,000
Rheological Characteristics		Thixotropic
Consistency	Observation	Brushable Paste
Odor	Subjective	Very Low
Vehicle Type		Acrylic (Elastomeric)
Volatile Portion		Water
Flash Point	Non-applicable	Non-flammable - Water base
VOC Content	Calculated	88.5 g/l (0.74 lb/gal)
Freeze/Thaw Stability	Lab Value	Avoid Freezing
Shelf Life	Lab Value	2 Year Minimum
Low Temperature Flexibility	ASTM-D-746	Pass
Service Temperature Range		-30°F to 180°F (-34°C to 82°C)

**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.