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PLASTISEAL

LIQUID CRACK SEALER

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PLASTISEAL is a liquid crack sealer that cures to a rubber-like texture and remains flexible to accommodate thermal or structural movement in small cracks.

PRIMARY APPLICATIONS

- Stopping water leaks
- Vertical or horizontal surfaces
- Residential and commercial applications
- Parking garages and parking areas
- Interior or exterior applications

FEATURES/BENEFITS

- Flexible material that allows for small movement
- Remains flexible in all normal climates
- One part product allows a long pot life for ample installation period
- Waterproof

PACKAGING/YIELD

PLASTISEAL is a one part latex-based product packaged in 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case. A 1 gal (3.8 liter) unit yields 231 in³ (3,785 cm³) of product while the 5 gal (18.9 liter) pail yields 1155 in³ (18,927 cm³) of material.

Appearance

PLASTISEAL is a white, one part latex-based product. PLASTISEAL dries to a white/translucent film.

COVERAGE

One gallon of PLASTISEAL will seal approximately 500 linear ft of small cracks (40 linear m/liter).

TECHNICAL INFORMATION

Typical Engineering Data

Standard tensile briquettes were molded, cured and sawed in half. Halves were joined with PLASTISEAL, cured for 7 days, and then tested.

Tensile Strength > 50 psi (0.34MPa)
 Elongation > 500%
 Elastic Memory Excellent

Chemical Resistance - fully cured samples

Water Excellent
 Gasoline Excellent
 Oil Excellent
 Salts (5% Calcium Chloride) Excellent

PLASTISEAL will accept normal traffic in 48 hours if curing temperature is 70°F (21°C) and @ 50% relative humidity. Expect complete cure within 3-4 days.

Shelf life is 1 year in original, unopened package.

DIRECTIONS FOR USE

Surface Preparation-New concrete must be a minimum of 28 days old. The cracks must be clean and sound. All oil, dirt, debris, paint and any other material that might be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing.

THE CRACK MUST BE PRE-DAMPENED FOR PROPER ADHESION OF THE PLASTISEAL.

Mixing-PLASTISEAL is a one part product and requires no pre-mixing. Use the material directly from the container.

Placement:

Horizontal Slabs-Narrow Cracks- Pour PLASTISEAL directly into the damp crack. It may settle down into crack, and if this occurs, re-apply PLASTISEAL. Cracks may require two or three applications, and if so, always fill the crack completely.

Wider Cracks-(Up to 1/4" (6 mm) - large enough to permit PLASTISEAL to flow through rapidly). Seal as directed for narrow cracks, allowing first application to dry.

1. Whenever PLASTISEAL runs completely through a crack, (i.e. when sealing cracks on floor other than the ground floor), brush bottom of crack with a quick setting plaster mix, completely closing it. Allow plaster to dry thoroughly, and re-apply PLASTISEAL from above until crack is filled.

2. When sealing from below is not possible, fill crack with polyethylene backer rod to within 3/8" (9.5 mm) of surface, then fill to top with PLASTISEAL.

Vertical Cracks-Vertical cracks can be sealed by pressure injecting the sealer through alemite fittings or other fittings or directly into the crack. The alemite fittings should be inserted into holes drilled along the crack, and then the fittings glued into place. Seal surface of the crack between fittings with DAM-IT prior to application of PLASTISEAL.

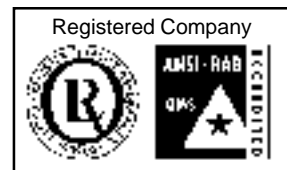
Curing-PLASTISEAL requires no special curing instructions. The product will cure within 24 hours of placement @70°F (21°C). Lower temperatures will slow the curing rate.

CLEAN-UP

Clean tools with soap and water before material hardens.

PRECAUTIONS/LIMITATIONS

- Do not apply when ambient temperatures are below 45°F (7°C).
- No heavy traffic until the product has cured.
- Allow to dry before exposure to water.
- Do not use product under high water pressure.
- Do not allow product to freeze.
- The crack must be pre-dampened for proper adhesion of PLASTISEAL.



Form Plastiseal-12.00

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