

KEE-Lock™ Water Cut-Off Sealant



DESCRIPTION

KEE-Lock Water Cut-Off Mastic Sealant is an adhesive for use in Garland's KEE-Stone FB60 fleece back roofing system. Once flashing accessories (boots, corners, covers, etc.) are installed and the bases heat welded, KEE-Lock Water Cut-Off Sealant is applied at the perimeter to help prevent any water intrusion where scrim reinforcement is exposed. The sealant is a single component product containing zero volatile contents and bonds well to many types of coated metal, metal flashing details, concrete, brickwork, lumber, coal tar, modified bitumen many plastics, stone, aluminum, steel, ceramics, Styrofoam, glass, EDPM, PVC, and BUR. A small test area should be completed to confirm adhesion.

VOC Compliant – KEE-Lock Water Cut-Off Sealant is 100% solids, meaning it has very low odor and no shrinkage.

Strong & Flexible – KEE-Lock Water Cut-Off Sealant (when cured) produces 300% elongation.

Low Temperature Flexibility – KEE-Lock Water Cut-Off Sealant maintains its physical properties down to -40°F (-40°C).

APPLICATION

Surface Preparation – Surfaces must be dry and free of all contaminants such as oil, grease, wax, dust, corrosion, loose aggregate, frost, formrelease agents, and decorative and protective coatings. Glass, metal, and other nonporous surfaces must be free of any coatings and wiped clean with solvent.

Application – There is no settling or separation with KEE-Lock Water Cut-Off Sealant. In cold weather, store at room temperature to aid workability. Ensure all surfaces are clean and free from debris prior to application. Apply a bead of KEE-Lock Water Cut-Off Sealant around the perimeter of the detail where the flashing accessory meets the substrate and apply gentle pressure to form the bond.

Cleaning – Use alcohol or soap and water to remove excess sealant before it cures and to clean equipment. Cured KEE-Lock Water Cut-Off Sealant can be removed by scraping or abrading.

Storage Life – KEE-Lock Water Cut-Off Sealant has a warranted shelf life of 12 months from date of shipment from the factory when stored in original, unopened cartridges at conditions not exceeding 80°F (27°C), 50% R.H. Consistently higher temperatures and/or humidity will shorten this shelf life.

Tool Time (initial bond) – 1-2 hours at 77°F (25°C), 50% relative humidity. Higher temperatures and/or humidity will shorten this time.

PRECAUTIONS

- Avoid skin and eye contact
- Skin may be cleaned with mineral spirits and then washed thoroughly with soap and water
- May be harmful if swallowed; do not induce vomiting and call physician immediately
- Keep away from heat and flames
- Refer to Safety Data Sheet (SDS).

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Technical Data	KEE-Lock Water Cut-Off Sealant
Hardness Shore A (ASTM C 661)	53-59 ± 3
Shear Strength (ASTM D 1002)	120 psi
Tack-Free Time (ASTM C 679)	17-20 minutes
Slump (sag) (ASTM C 697)	0 slump
Shrinkage	No measurable shrinkage after 14 days
Low Temperature Flex. Pass ¼ in. mandrel	-20°F (-28.8°C)
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Density	12.5 lbs/gal)
Viscosity @ 70°F (20°C) Brookfield RVF, TF spindle, 2 RPM	500,000 cP
Shelf Life	1 year
Coverage Approximately 1/4 in. x 1/4 in. (.635 cm. x .635 cm) bead	50 lineal feet (15.2 m)
Packaging	20 oz. sausage 12 sausages per case

Technical Data	KEE-Lock Water Cut-Off Sealant
VOC	0 g/l

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

For more information, visit us at: www.garlandco.com

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Tests verified by independent laboratories. Actual performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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