

## OVERVIEW & FEATURES

KEE-Lock Mastic is a white, polyether, trowel grade, flashing mastic for cold-applied applications. KEE-Lock Mastic is designed to seal the base edge of a KEE-Stone® FB 60 Flashing membrane where it ties into the field of an SBS-modified membrane roofing system. KEE-Lock Mastic bonds tenaciously to SBS modified bitumen membranes as well as the KEE-Stone FB 60 Flashing membrane and is extremely elastic. KEE-Lock Mastic contains less than 50 g/L VOC's.

KEE-Lock Mastic is used in conjunction with GarMesh® to create a three-course application and can also be used for a variety of roofing repairs where white mastic is needed.

**Solvent Free** – KEE-Lock Mastic uses polyether technology, which contains no solvents and is a moisture-curing product. This allows the mastic to perform just like traditional solvent-based mastics without adverse effects like solvent blisters, sheet softening and strong odor.

**Accelerated Curing** – KEE-Lock Mastic will cure in 1-5 days, depending on climatic conditions compared to 30 days or more for most traditional solvent-based mastics. This mastic becomes tack-free in just hours, decreasing the chances of tracking the material around the roof surface and keeping the roof cleaner.

**Easy to Use** – This product is ready-to-use right out of the pail requiring no mixing. The consistency of this trowel grade formula makes KEE-Lock Mastic easy to apply. The material adheres to substrates without vertical sagging or flow. It has tremendous green strength, holding KEE-Stone FB 60 Flashing in place and keeping moisture from getting underneath the flashing membranes.

**Extreme Flexibility** – KEE-Lock Mastic is very flexible, allowing for movement at the most critical seal between the modified membrane and the KEE-Stone FB 60 Flashing membrane.

## APPLICATION

KEE-Lock Mastic is ready to use right out of the pail. Just apply the mastic to the surface of the KEE-Stone FB 60 Flashing membrane with a trowel at a coverage rate of 7 linear feet per gallon at an 8 inch-wide pass ¼" thick. For best results, trowel a base coat of KEE-Lock Mastic 1/8"-thick and 8 inch-wide half onto the KEE-Stone FB 60 Flashing membrane and the other half onto the modified field membrane. Then, embed 6-inch GarMesh into the base coat and top dress with an additional layer of KEE-Lock Mastic at 1/8" thick. The top coat should be thick enough to fully embed the GarMesh and achieve a complete seal.

## PRECAUTIONS

- Do not store this material at elevated temperatures; it will reduce the product's shelf-life
- Do not use in areas subject to continuous water immersion
- Do not use this material on or with TPO membranes
- Can not be used in conjunction with solvent-based products such as Flashing Bond, Weatherking or generic cold-process, solvent-based adhesives

Technical Data	KEE-Lock Mastic
<b>Flash Point</b> (ASTM D 93)	400°F (232°C)
<b>Density @ 77°F (25°C)</b> (ASTM D 1475)	11.0 lbs./gal. (1.32 kg/l)
<b>Non-Volatile</b> (ASTM D 4586)	97.7%
<b>Viscosity @ 73°F (23°C)</b> <b>Brookfield RVF TF Spindle, 4 RPM</b>	750,000 cp +/- 150,000 cp
<b>Elongation at Break</b> (ASTM D 412)	700%
<b>Tensile Strength</b> (ASTM D412)	150-250 psi
<b>Lap Shear Strength</b> (ASTM D 1002)	150-175 psi
<b>Tack Free Time @ 70°F (21°C)</b> <b>and 50% RH</b>	1 Hour*
<b>Shelf Life</b>	6 Months
<b>Color</b>	White
<b>Seam Coverage Rate</b>	1 gal./ 7 ft. @ 8" Wide x ¼" Depth (1L/ 6m @ 20.3cm wide x 6mm Depth)
<b>Packaging</b>	3 gallon (11.4 L) pail

\*Time varies depending on air temperature and humidity.

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](http://www.garlandco.com)

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

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