

KEE-Lock™ Mastic



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 zero 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. KEE-Lock Mastic is also available in gray.

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

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Technical Data	KEE-Lock Mastic
Flash Point (ASTM D 93)	400°F (232°C)
Density @ 77°F (25°C) (ASTM D 1475)	11.0 lbs./gal. (1.32 kg/l)
Non-Volatile (ASTM D 4586)	97.7%
Viscosity @ 73°F (23°C) Brookfield RVF TF Spindle, 4 RPM	750,000 cp +/- 150,000 cp
Elongation at Break (ASTM D 412)	750-800%
Tensile Strength (ASTM D412)	250-300 psi
Lap Shear Strength (ASTM D 1002)	150-175 psi
Tack Free Time @ 70°F (21°C) and 50% RH	1 Hour*
Shelf Life	6 Months
Color	White & Gray
Coverage Rate	1 gal./ 7 ft. @ 8" Wide x ¼" Depth (1L/ 6m @ 20.3cm wide x 6mm Depth)
Packaging	3.5 gallon (13.2 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.

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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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