

Roll Goods

# KEE STONE<sup>®</sup> HP

Thermoplastic Membrane

KEE-Stone HP is a premium fleece-backed thermoplastic membrane that incorporates ELVALOY™ HP, the industry's highest quality Ketone Ethylene Ester formula.



### Strong & Durable

- Robust polymer compound preserves the membrane for decades
- Unique scrim provides superior resistance to elements
- 10x the ASTM standard in accelerated weathering tests



### Superior Fire Resistance

- Novel fire retardant blend for hybrid assembly
- Class A fire rating - 2:12 slope for combustible deck
- Class A fire rating - 3:12 slope for noncombustible deck



### High Performance Formulation

- Bright white reflects UV radiation away from building
- ELVALOY™ HP prevents premature drying and cracking
- Superior chemical resistance

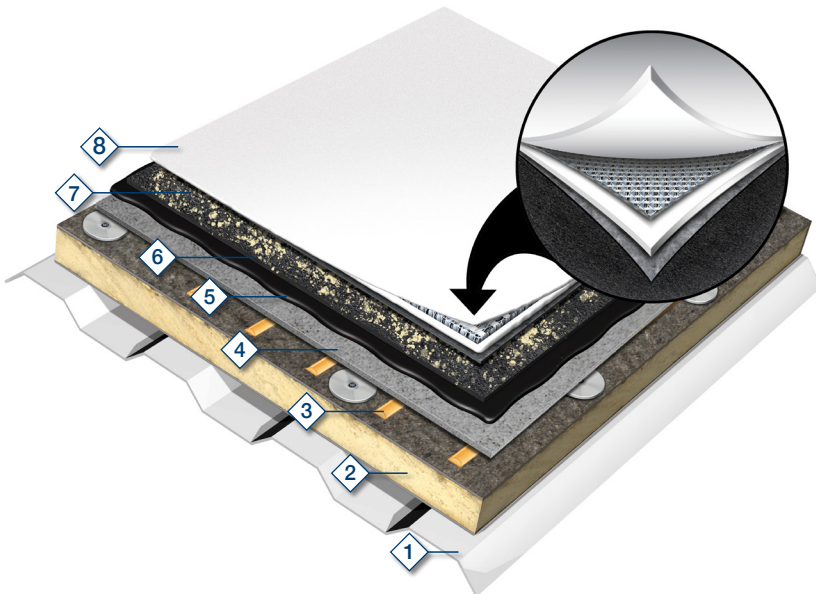


Outstanding strength and resistance to wear & tear.

Gain energy efficiency and enhance thermal comfort.

Decades of performance and peace of mind.

## KEE-Stone HP Hybrid Roof Assembly



1. Deck
2. Insulation
3. Insul-Lock HR
4. Cover Board
5. Green-Lock<sup>®</sup> Plus Membrane Adhesive
6. Approved 80-mil Base Sheet
7. KEE-Lock<sup>™</sup> Spatter Spray
8. KEE-Stone HP Cap Sheet



### The Garland Company, Inc

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## Features & Benefits

### Strong & Durable

**Long Term, Best-In-Class Performance**

KEE-Stone HP's novel composition preserves the membrane's flexibility over time, provides exceptional tensile strength, and resists punctures and tears.

**"Open-Window Technology"**

The innovative scrim design means that the ELVALOY™ HP is formulated throughout the entire sheet, for a longer-lasting roof with superior heat resistance.

### Fire Resistant Properties

**Up to 3" Slope**

KEE-Stone HP hybrid system is Class A fire rated for up to a 3" slope over a non-combustible deck when used with KEE-Lock membrane adhesives.

**Up to 2" Slope**

KEE-Stone HP hybrid system is Class A fire rated over a combustible deck up to a 2" slope.

### Combats UV Radiation

**UV Reflectance**

The bright finish reflects damaging UV rays away from the building, protecting the roofing assembly, preserving energy during the summer months, and promoting thermal comfort of inhabitants.

**Long-Lasting Formulation**

In heat aging tests, KEE-Stone HP retains more than 90% of its breaking strength, elongation, and flexibility.



# KEE STONE<sup>®</sup> HP

because the best ability in roofing is DURABILITY.

## Advantages of KEE-Stone HP



Made with ELVALOY™ HP



UV Resistant



Strong & Durable



Fire Resistant



Versatile Applications



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