

A KEE-Stone roof system combines the best benefits of familiar roofing technologies into one outstanding design. This unique membrane is formulated with the industry's best Ketone Ethylene Ester (KEE) – DuPont™ Elvaloy® HP – which provides durability, strength and long-lasting performance. By combining the benefits of KEE-modified thermoplastic technology into this cap sheet and bonding it with the dependability of an asphalt multi-ply system, the KEE-Stone system is able to deliver best-in-class results and long-lasting protection.



Superior Chemistry & Manufacturing

KEE-Stone's thermoplastic chemistry uses the industry's highest quality KEE compound for the highest quality weatherability. Unlike most KEE membranes, KEE-Stone is formulated and manufactured with high quality KEE throughout the entire sheet – both above and below the scrim – because the sheet is only as strong as its weakest point.



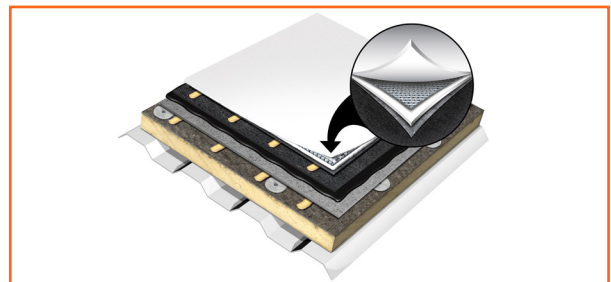
Strength & Durability

KEE-Stone FB 60 is the most durable KEE sheet in the industry, providing superior puncture and hail resistance and ensuring long-term waterproofing protection and durability. Even after industry standard heat aging tests, KEE-Stone retains more than 90 percent of its breaking strength, elongation and flexibility. Plus, KEE-Stone's unique polymer-coated polyester scrim allows the KEE compound above and below to fuse together, creating a monolithic sheet and reinforcing the strength of this membrane. The KEE-Stone FB 60 membrane will not break down or peel apart over time, increasing the life of the investment.



UV Resistance & Energy Savings

KEE-Stone has been formulated to provide superior heat and UV resistance, providing long-term protection. KEE-Stone's UV-resilient properties are among the highest in the industry and have earned the seal of approval from the Cool Roof Rating Council (CRRC) for repelling the damaging effects of the sun to protect your building – and protect your wallet through energy savings. While KEE-Stone's smooth white surface reflects UV rays, the Elvaloy HP formula within the sheet stays strong to prevent drying, cracking, and UV degradation.



Unmatched System Strength

As the thermoplastic cap sheet in a hybrid roof system, KEE-Stone combines the benefits of thermoplastic technology with the time-tested multi-ply roof design. When installed over Garland-approved modified bitumen base sheets, KEE-Stone provides long-lasting and reliable protection. Use KEE-Stone FB 60 with premium Garland modified bitumen base sheets and KEE-Lock Foam for a strong, seamless system with a smooth attractive appearance.

KEE-Stone® FB 60

Features

Benefits

Long-Lasting

In accelerated weathering tests, KEE-Stone FB 60 shows no signs of cracking or cratering even at 100X magnification – 10 times more than the ASTM standard requires

Versatility

With options for hot and cold application processes, KEE-Stone can be applied in a variety of environments and is a great option for low-slope roofs

Chemical Resistance

Exposure to harsh chemicals or greases like animal fats, acids and oils cannot extract the plasticizer from the KEE-Stone membrane, so it's able to maintain long-term durability

Strength

KEE-Stone is reinforced with a high-performance polyester scrim encapsulated with an enhanced binder, which provides a powerful link between the scrim and the KEE compound and keeps the membrane stronger longer

Flexibility

Maintaining low-temperature flexibility down to -40°F (-40°C), KEE-Stone can withstand even the harshest stresses associated with thermal shock and adjust to those stresses without cracking, splitting, or crazing

Reflectivity

The bright white finish reflects potentially damaging UV rays on the roof surface, while the KEE formula permanently locks the plasticizer within the membrane to prevent damaging migration that could cause other materials to dry and crack under UV exposure

Cost Saving

The white surface of KEE-Stone has a remarkable ability to keep buildings cool and lower energy costs by reflecting sunrays away from the building, earning this product the seal of approval from the Cool Roof Rating Council (CRRC)

Strong Adhesion

During manufacturing, a polyester fleece (6.5 oz. per sq. yd.) is heat bonded to the backside of this membrane to grab and hold adhesives for a superior bond in both hot and cold adhesives

Hybrid Assembly

Combined with Garland modified bitumen base sheets, this thermoplastic cap sheet combines the benefits of KEE technology, the attractive appearance of the smooth thermoplastic membrane, and the dependability of a multi-ply system into one trustworthy system

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