

KEE-STONE®

CHEMICAL RESISTANCE GUIDE



Beneath the attractive bright white appearance, Garland's KEE-Stone products combine some of the strongest and most trusted materials in the industry. The KEE-Stone system draws its strength and durability from the unique, high-performance combination of asphalt and ELVALOY™ HP. With the combined strength of our asphalt membranes and the proven chemistry of high-performance Ketone Ethylene Ester (KEE), the KEE-Stone system is specifically designed for toughness and longevity.

KEE Chemical Resistance

The strength of this formula provides extensive chemical resistance properties even in the presence of common rooftop culprits like animal fats, acids, oils, greases, etc. Even exposure to harsh chemicals or greases cannot extract the KEE plasticizer from the KEE-Stone membrane. The durability of this surface provides resistance against deterioration that normally accompanies rooftop oils, chemicals from the environment, or bacteria growing on the surface.

How Does KEE Compare?

Garland's KEE-Stone products meet and exceed ASTM D 6754, the standard specification for KEE-based sheet roofing. So how does it compare to other types of systems?

Chemical	PVC	TPO	KEE-STONE
Asphalt	B	B	A
Calcium Chloride (40%)	A	A	A
Ethyl Alcohol	F	A	A
Gasoline	F	F	B
Glycerine	B	A	A
Hydrochloric Acid (10%)	A	A	A
Methyl Alcohol	F	A	A
Mineral Oil	--	B	A
Naptha	F	A	A
Nitric Acid (10%)	B	A	B
Salt Water (saturated)	--	--	A
Sulfuric Acid (10%)	A	A	A
Jet A Fuel	F	F	A

A	Resistant, Considered for long-term contact
B	Somewhat resistant, Considered for occasional contact
--	No data
F	Not resistant, Contact is not recommended