

OVERVIEW & FEATURES

Cool-Sil FG (flashing grade) is a 100% silicone, moisture-cure sealant that forms a tough, flexible and water-resistant membrane. It is ideal for sealing roof penetrations, drains, existing membrane seams and other flashing details on aged modified bitumen, single-ply membranes, built-up roof membranes and metal roofs.

Low odor - Cool-Sil FG has low VOC and low odor, making it suitable for a variety of applications.

Easily applied - This sealant can be applied simply by brush, trowel or putty knife. This, combined with the product's superior adhesion, ensures the sealant permeates those hard-to-reach places quickly and efficiently.

Fast curing - Despite its thick composition, Cool-Sil FG is tack-free within 1-2 hours. The product's moisture-curing composition speeds up the process toward full coverage.

APPLICATION

The surface must be clean, dry and free from oils and other contaminants. Cool-Sil FG can be applied by brush, trowel, or putty knife. Coverage rates are theoretical and will vary based on surface texture and application conditions such as weather and slope. Cool-Sil FG is typically applied at 1/8 in. - 1/4 in. thickness depending upon the application and substrate.

Weather Restrictions - Cool-Sil FG silicone sealant should not be applied in ambient temperatures above 95°F. For cold weather applications, store material above 65°F before use.

Typical Cure Rate - At 77°F and 50% RH, the sealant is tack-free in 1-2 hours, with through cure (3/8" depth) being achieved between 12 and 18 hours.

Technical Data	Cool-Sil FG
Color	White
Elongation (ASTM D 412)	275%
Tensile Strength (ASTM D 412)	130 psi
Solids Content (ASTM D 2697-3)	92%
Tack-Free Time (ASTM C 679)	1-2 hrs
Cure Time (ASTM C 679)	12-18 hrs
VOC (ASTM D 396)	<50 g/L
Shelf Life	12 months, unopened and stored between 50°F and 90°F (10°C and 32°C)
Packaging	2 gallon pail (7.6 l)



For additional Cool-Sil documents, scan the QR code above.

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

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