

PERMACOOL AC FLASH

Flashing Grade Elastomeric Caulk and Sealant

DESCRIPTION

PermaCool AC Flash is a elastomeric sealer for waterproofing seams, fasteners, penetrations and a variety of flashing details. Upon cure, PermaCool AC Flash forms a tough, waterproof seal that is highly resistant to UV degradation and natural weathering.

ADVANTAGES

- ▶ Exceptional flexibility and resistance against expansion and contraction caused by temperature fluctuations and joint movement
- ▶ Excellent adhesion to a variety of surfaces including metal, concrete, wood and asphaltic materials
- ▶ Environmental friendly and VOC compliant
- ▶ Can be used with reinforcement fabrics for increased tensile strength and elongation properties
- ▶ Fills small surface irregularities and mechanical defects to enhance coating adhesion

TECHNICAL CHARACTERISTICS *

PROPERTY	VALUES
Color	White
Physical State	Cures to Solid
Density	11.7 lb/gal
VOC	< 50 g/L

PROPERTY	ASTM	VALUES
Tensile Strength	D2370	100 psi
Elongation	D2370	500%
Solids Volume	D1653	64%
Solids by Weight	D1644	74%
Permeability	D1653	7 perms
Impact Resistance	D2240	SHORE A: 50 - 55 *
Cold Flex	D-522	15 °F - ½" Mandrell

* All values shown are nominal and subject to normal manufacturing tolerances.

SURFACE PREPARATION

All surfaces must be dry and free of dirt, debris, algae, mildew, oil, talc, loose granules or any other foreign matter that may prohibit adhesion. Surfaces must be pressure washed (3,000 psi minimum) with a mild detergent, chlorine bleach and water solution. A stiff bristle broom may be used on stubborn areas. Ensure all work surfaces are thoroughly dry prior to application.

Performance Roof Systems advises that adhesion/peel tests be performed prior to application to ensure adequate bond can be achieved or if a primer or other specific surface preparation is required.

APPLICATION

Tools: Can be applied using a brush or roller

Application Rate: 1.5 gallons per 100 SF at 24 wet mils

Working Temperatures: Ambient and surface temperatures must be above 50°F and not fall below 32°F within 24 hours of application.

Working Times* (@ 75°F with 50% humidity)

DRY TIME	NEXT COAT	FULL CURE
4 hrs	> 6 hrs	24 hrs

* All working & cure times are approximate and vary upon wind, humidity and ambient/surface temperatures.

Clean Up: For wet material use soap and water; For cured material use mineral spirits or citrus-based cleaners

LIMITATIONS

Do not attempt application if rain or dew are likely to occur before product can dry.

High humidity conditions or late afternoon applications should be avoided as overnight dew formation on uncured surfaces can cause coating wash-off.

Not intended to perform under ponding water conditions. Positive drainage is required.

For complete application instructions please refer to published specifications and recommendations.

PACKAGING & STORAGE

PermaCool AC Flash is available in the following container sizes:

- 2 gallon pails (available by special order only)
- 5 gallon pails

Do not store in direct sunlight. Keep temperature of contents between 55 - 80°F. **PROTECT FROM FREEZING.** Approximate shelf life is 24 months from date of shipment when properly stored.