

TOPCOAT[®]
FLEXSEAL CAULK GRADE

Information Sheet

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*Your Best and Safest Choice[™] ...
Quality You Can Trust Since 1886!*



FLEXSEAL CAULK GRADE

Description

TOPCOAT® FlexSeal Caulk Grade is a white solvent-based synthetic elastomeric sealant. FlexSeal is extremely flexible and durable, but with a higher viscosity formulation than Standard FlexSeal. Like all solvent-based products, the surface must be clean, completely free of moisture and residual contaminants before application. FlexSeal Caulk Grade is especially suited for use in any application where caulk is typically used. If a more fluid viscosity is desired, FlexSeal is also available in both a standard viscosity as FlexSeal and a low viscosity version FlexSeal LV.

Uses

FlexSeal Caulk Grade is designed for use on metal, copper, concrete, wood, asphalt shingles, SBS, APP, EPDM, BUR, TPO and PVC substrates. Especially designed for use where elastomeric caulks are required; like term bar applications, or around clamping rings at penetrations. FlexSeal Caulk Grade may be used for cold weather applications provided that the material is stored properly and the substrate is dry prior to application. This product is easiest to apply at temperatures above 32°F (0°C). Substrate temperatures must be below 120°F (48.9°C) when applying product.

Advantages

- Extremely flexible and durable
- Ideal for termination bar, railing, step flashings, or edge metal
- Durable and UV resistant; will not chalk, crack or peel
- Joint movement capability maximum \pm 25%

- Bonds to multiple substrates including; metal, copper, concrete, wood, asphalt shingles, SBS, APP, EPDM, BUR, TPO, and PVC.
- Paintable
- Limited material warranty available for up to 10 years*
- May be used in Guaranteed Projects up to 20 years**
- Available in 10 oz. cartridges

For application questions, please contact GAFMC Contractor Services at 1-800-766-3411.

Applicable Standards

FlexSeal Caulk Grade meets ASTM. D-412 and D-920; and is tested in accordance with D-2196 and D-1475.

Application Considerations

FlexSeal Caulk Grade is not a structural component and it is not intended to bridge large voids. Joint depth should not exceed 1/2" wide by 1/2" deep (13 mm x 13 mm). If joint exceeds 1/2" (13 mm) deep, the sealant depth should be controlled by a closed cell backer rod. The number of joints and width of joints should be designed to accommodate a maximum of 25% movement. Note: Apply only as directed. Over-application may result in slumping, dripping, or unsightly appearance.

Note: Repair leaks promptly to avoid adverse effects, including mold growth.

*See warranties and guarantees for complete coverage and restrictions.

**When used as a part of a multi-ply system. FlexSeal Caulk Grade is a maintenance item and should be inspected periodically as a part of regular roof maintenance.

TOPCOAT® FLEXSEAL CAULK GRADE TECHNICAL DATA

Application Rate:	Approximately 1/4 -3/8 inch (6 – 10 mm) bead
Application Method:	Caulk Gun
Application Temp (air, surface):	32°F - 120°F (0°C – 48.9°C)
Drying Time (varies by conditions):	24 – 48 hrs; Skins in less than 1 hour; Full Cure - approximately 48 hours
Total Solids (by weight):	77% \pm 2%
Specific Gravity:	1.24 \pm 0.1
Weight per Gallon:	10.3 \pm 0.5 lbs
Viscosity (75°F (23.9°C)):	1,200,000 cps \pm 10%
Tensile:	>250 psi (>1.72 N/sq mm)
Storage:	Recommended storage temperature range 50°F-90°F (10°C-32.2°C). Storage for continued periods outside this temperature range may shorten shelf life
Shelf Life:	Approximately 1 year.
Clean-up:	Mineral Spirits, Toluene, Xylene