



POLYCAULK M-27

Polycaulk M-27 is a high performance dual component caulking compound. It has medium-low viscosity and flows readily into cracks before gelling into a tough, resilient, and flexible sealant with excellent adhesion characteristics. Polycaulk is formulated so that it is 100% solids, no VOC's.

APPLICATIONS:

- Expansion and Control Joints: Polycaulk will readily fill narrow cracks in control joints before gelling. It's excellent adhesion properties ensure a substantial bond with the substrate while its flexibility allows it to move with thermal cycling and physical loads.
- Crack control: Polycaulk is ideal for filling cracks in concrete structure. Its ability to bond to damp surfaces brings its performance above and beyond typical joint compounds.
- Electrical barrier: For railroad crossings and other electrical applications. It's high electrical resistivity makes Polycaulk M-27 a stable candidate for these applications.
- Bonding: Bonds to virtually all substrates. Works for underwater applications including salt water.

GENERAL INFORMATION:

Polycaulk is applied using a manual or pneumatic dual component caulking gun. For large volume applications it can be dispensed directly from drums with specialized equipment. Polycaulk is available in 1 to 1 cartridges of 50, 200, 400, and 600 ml volumes. It can also be purchased in 5 gallon pails or 55 gallon drums. Polycaulk can be applied at almost any temperature by preheating the resins before applying.

For the strongest bond, all surfaces must be clean, dry and sound. Loose and wet materials must be removed. The procedure for surface preparation will vary depending on each situation. Contact Superior Polymer Products for details.

To ensure proper mixing the two components are different colors and the mixing can be observed through a opaque static mixer to ensure ratio mixing and final properties.

TECHNICAL INFORMATION:

Hardness: 80 Shore A

Elongation: Greater than 400%

Gell time: 10 minutes 80% properties in 5 hours

Full cure: 24 Hours