



Basic Uses & Description:

201 KoolFlex Silicone Sealant Caulk is a medium-modulus, 100% silicone sealant formulated for joint and detail sealing on commercial roofing systems. Delivers $\pm 45\%$ joint movement, 600% elongation, and 140 psi tensile strength. Ideal for flashing terminations, edge seals, penetrations, and detail reinforcement. Available in colors White, Tan and Light Gray.

Features:

Handles Real Roof Movement:

Accommodates $\pm 45\%$ joint movement with high elasticity, helping joints stay sealed through thermal expansion and contraction.

Fast Skin, Fast Turnaround:

Skins over in 30–60 minutes and cures quickly, allowing details to be completed without slowing the job.

Primerless Adhesion to Common Roof Materials:

Bonds to metal, masonry, concrete, and most non-porous substrates without primer, saving time and extra steps.

Built for Harsh Roof Environments:

UV-stable and weather-resistant with a wide service range (-50°F to $+280^{\circ}\text{F}$), so it holds up long term on exposed roofs.

Application:

PREP:

The surface must be clean, dry and free from oils and other contaminants. A thorough wire brushing, grinding, sandblasting or solvent cleaning may be required to expose clean, sound, virgin surface. 201 is primerless on most common, nonporous building substrates.

In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability.

APPLY:

Apply sealant using a standard caulking gun, dispensing material evenly into the joint. Fill the joint completely, avoiding air pockets or voids. Tool the sealant immediately using light pressure to ensure full contact with joint sides and a smooth, uniform finish.

TEST PROPERTY	TEST VALUE
Dynamic Joint Movement	± 45
Elongation	600%
Tensile Strength	140 psi
VOC Content	<50 g/L
Modulus, 100% Elongation	38 psi
Tack-Free Time	60 min
Service Temp Range	-50 to $+280$ F
Accelerated Weathering	Pass @ 5000 hours
Hardness, Shore A	25

Storage & Handling:

Silicone Sealant Caulk is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.

Storage & Handling:

Surface Leveler has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°f and 80°f . Refer to product packaging.

Packaging Sizes:

201 Silicone Sealant Caulk is available in 10.0 oz sausage tubes.

Weather Restrictions & Cure Time:

Silicone Sealant Caulk should not be applied when temperatures are below 20°F or above 120°F .

Cure rate at 77°F and 50% RH:

A. Tack-free time: 30 minutes to 1 hour

B. Through cure ($3/8$ " depth): 6-12 hours