



FHC S790 Series Neutral Cure Silicone Building Sealant

Item No. S790

Features, Advantages, and Benefits

- Excellent Primerless Adhesion
- Waterproofing Applications
- Plus/Minus 50% Join Width Movement
- Interior / Exterior Use, Non-Paintable

- Long Tooling Time
- AAMA Approved Neutral Cure Silicone Sealant
- 20 Year Limited Warranty

Description:

Overview

S790 is a one part, medium modulus, neutral cure formulation, that creates a durable, and flexible, silicone building joint seal. It can accommodate +/-50% joint movement in properly designed joints. It is designed for sealing expansion and control joints, precast concrete panels, and metal curtain walls. As well as non-structural glazing of glass, metal and plastic, and waterproofing applications; including perimeter sealing of doors and windows. S790 forms a durable, flexible, watertight bond, with most building materials in combinations of glass, ceramics, plastics, stone, masonry, wood, steel, anodized and mill-finished aluminum, and painted surfaces. Compatible with the installation of insulated glass, laminated glass, acrylic/polycarbonate sheets, and perimeter edge sealing mirrors.

Material/Construction

Meets ASTM C-920, Type S, Grade NS, Class 35, Use NT, M, G, A and O; TT-S-00230C & TT-S-001534A (COM-NBS) VOC: 3.1%, UV Resistance: Excellent, Movement: +/- 35% Hardness: (Shore A) 25, Tear Strength: 50 ppi, Tensile Strength: 300 psi, Peel Strength: 35 psi, Staining: None, Temperature Resistance: -50 deg. F to 300 deg. F, Elongation @ Break: 400%

Hazard Statement

Classification: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Skin sensitization: Category 1 Emergency Overview: Signal word - Warning Hazard Statements: May cause an allergic skin reaction Appearance: Varies Physical State: Paste Liquid Odor: Mild

Surface Preparation

The substrate must be clean, dry, frost-free, sound, and free of any oils, greases, incompatible sealers, paints, or coatings that may interfere with adhesion. Do not apply if surface is damp or contaminated. It is recommended to test all substrates prior to applications.

How to Use

For best results, ensure surface is clean, dry and free of oil and grease. Cut nozzle to desired bead size, puncture inner seal. Apply with a caulking gun, forcing sealant onto the substrate, then tool if needed. Clean excess material with mineral spirits or similar solvent.

Prevention

Wash face, hands and any exposed skin thoroughly after handling. Wear Personal Protective Equipment (PPE) like protective gloves, protective clothing, and face protection. Wear eye/face protection.

Precautions

IF ON SKIN: Wash thoroughly with soap and water. If skin irritates or rash occurs, get medical attention. Remove contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical attention. IF SWALLOWED: Immediately call a Poison Center or doctor. DO NOT induce vomiting.

Storage

Material is to be stored under controlled dry environment (below 80deg F). Use within 12 months from date of manufacture. For best results, keep material in tightly closed containers when not in use. Do not freeze.

Included With

Twist-On

