

TFC BUTYL

NON-SKINNING • PREMIUM GRADE

Developed for the metal roofing industry
and provides long-life performance!

TFC BUTYL™ is a single component, non-skinning butyl-based solvent release sealant. It is designed to deliver excellent adhesion to metal panels while remaining permanently pliable.

The product is the ideal choice in applications where the combination of moisture and cold temperatures would cause the break-down of other sealants.

PERFORMANCE

- Non-Skinning
- Non-Staining
- Permanently Pliable
- Moisture Resistant
- Non-Paintable

APPLICATIONS

- Metal Roofing
- Insulated Metal Panels
- Use on Painted Metal, Kynar®, Galvalume® & Galvanized Steel, Aluminum



SPECIFICATIONS: Meets or exceeds AAMA 809.2

COLORS: Gray (Item Number TFCNSBGY)
White (Item Number TFCNSBWH)

SURFACE PREPARATIONS: For best results, the substrate should be clean, dry, frost free, sound and free of any oils, greases or incompatible sealers, paints or coatings that may interfere with adhesion. Do not apply if surface is contaminated. It is recommended to test all substrates prior to applications.

INSTALLATION: Cut nozzle to desired bead size. Apply with caulking gun, forcing sealant onto the substrate, then tool if needed. Clean excess material with mineral spirits or similar solvent.

STORAGE: Material is to be stored under controlled dry environment (below 75° F). Use within 12 months from date of manufacture.

PACKAGING: 10.3 fl. oz. per tube | 24 tubes per carton

PROPERTIES

Total Solids (ASTM C 681)85%
Volume Shrinkage (ASTM D 2453) ...<20%
Wt/U.S. Gallon (ASTM D 1475) ...10.5 +/- 0.40lbs
Staining (ASTM D 2202)None
Blistering or BleedingNone
UV ResistanceExcellent
Sag0.15" Max Full Button
Service Temperature-40deg F to 250deg F
Application Temp Range40deg F to 95deg F
Extrudability (ASTM D 2452)40 seconds max
Flexibility (ASTM C 711)No loss of adhesion at -60deg F
Fungus/MildewResistant to growth
Heat Aging ...No loss of surface tack or adhesion
Weatherability (ASTM G 154) ...No cracking, bleeding, or loss of rubbery characteristics

Chemical ResistanceExcellent to water, ozone, water vapor, alcohols. Fair to weak for acids and bases. Poor to organic solvents.
Static Water Pressure Head Test ...Passes 6" of static water pressure head, no water leakage
Air Leakage (ASTM E 1680)Infiltration @1.57psf 0.0510 cfm/sq ft and 0.0680 cfm/ft & Infiltration @ 6.24 psf 0.1024 cfm/sq ft and 0.1365 cfm/ft
Water Penetration (ASTM E 1646) ...Passed, no leakage
Wet Flammability (ASTM D 56) ...110deg F flash point
Vehicle Bleedout (ASTM C 772) ...No visible exudation of vehicle from sealant after three weeks at 158deg F on painted or unpainted metal surface.
Aged Tack (ASTM D 2377)Permanently Tacky
Hardness (Shore OO Durometer) ...30 - 40

DISCLAIMER: ALL TEST RESULTS AND SPECIFICATIONS ARE A RESULT OF LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. SINCE APPLICATION CONDITIONS VARY AND ARE UNCONTROLLABLE BY TFC, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.