



Product Data

Q-54 Mastomeric Butyl Sealant Thermally Applied

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Purpose

This thermally applied compound was specifically designed for metal building manufacturers producing standing seam roofs.

Composition

This product is made from, butyl, EPDM rubbers, and proprietary co-polymers. The plasticizers are of the polyisobutylene and polybutene type and permit no oxidation. The fillers are inert and are primarily used as extenders and process aids, and, to a lesser extent, as reinforcing pigments. The remaining materials are antioxidants, fungicides and organic processing aides.

Detail

This product is typically applied during the roll forming process. It was made to have all of the good qualities of a good butyl tape without the stringing characteristics normally found with pumpable butyls. This product is 100% solids and is thermally applied to burn through the mill oils commonly found on sheet stocks. The product is ideal for field use where low resistance to compression and high recovery are desirable.

Application

This compound is intended for use in a factory or field applied standing seam roof and wall panels. The application temperature should be made at a setting of 300°F -325°F.

Clean Up

Tools and equipment may be easily cleaned with mineral spirits.

Packaging

This material is packaged in 7.5 lb blocks. It can also be supplied in 5 gallon fiber pails and 55 gallon fiber drums.

Freight Classification

Class 55, Item# 149610, "NOIBN" (nor red label required) HMIS Rating: Health – 0, Flammability – 0, Reactivity – 0.

Test Data

Color: Off White

Solids Content: ASTM C771-74, 1hour @ 350°F – 99.8%

Specific Gravity: ASTM D71-78, 1.3± .02, lbs./gal – 10.5± .3

Elongation: 0°F (-18°C) 450% min. 77°F(25°C) – 900% min.

Plasticizer Migration: ASTM C772-74 No bleed or stain

Cold Temperature Flexibility: ASTM C765-73, Passes

Water Resistance: ASTM D1056 Unfoamed -0%

Tensile Strength: ASTM D412, Die "C" .40psi

Aging Characteristics: ASTM D750-68 (Weather – O-Meter, 1000hours) – Slight haze on surface.

Heat Distribution: ASTM D816-55, No Sag

Static Water Head Test: MBNA Water Damming Test, Passes 5 inch. Water head simulated test

Service life: 20 years min

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