



Product Data

Q-216-10 Water Stop

Issue Date: 11/03/2010

Purpose

This product was designed to control the ingress and egress of water at control joints in concrete and dissimilar products. The design of this product is such that it will swell between 200% and 300%.

Composition

This product consists of butyl rubber, polypropylene elastomers and a mixture of hydrophilic bentonite and hydrophobic fillers and plasticizers.

Clean Up

The material can be cleaned from tools and equipment with a light application of mineral spirits.

Packaging

This product is extruded on a silicone backed release paper and rolled or cut to specific lengths. Tape dimensions vary according to specific requirements. Standard shipping cartons are constructed of 200 lbs. test material. All rolls are separated by silicone divider pads and protected by upright stacking cores. Pallets are heavy duty and have 4-way entry. All pallets are stretched wrapped and banded for shipment.

Freight Classification

Caulking Compound Class 55, Item# 149610, "NOIBN" (no red label required)

Test Data

Color: natural state – black

Penetration ASTM D217:

150gr. C.P. @ 77°F – 5.4mm

300gr. C.P. @ 77°F – 7.6mm

300gr. C.P. @ after 21 days @ 135°F – 7.4mm

300gr. C.P. @ 135°F – 9.1 mm

300gr. C.P. @ 77°F after 1hr. @ 350°F – 6mm

Peel Strength on Fresh Concrete:

90° "T" peel (Instantaneous) – 2.5 PLI

180° peel (Instantaneous) – 2.0 PLI

Application Temperature: 40°F to 140°F

Shelf Life: 5 years minimum in dry conditions

Specific Gravity D-71: 1.318

Accelerated Aging:

Heat Loss 4hrs @ 212°F – 2%

Heat Loss 7days @ 135°F – 0%

Heat Loss 1 hour @ 350°F – 2.3%

Tensile Strength: Condition 24 hours @ 77°F – 10 PSI C.F.

% Elongation to Break: 216%

Compression Deflection: 25%

Compression @ 77°F @ 12in/min. – 10.5 lbs.

Over head Slump Resistance: Free hanging @ 135°F

4 hours – no slump or loss of adhesion

In a joint @ 135° 4 hours – no slump or loss of adhesion

% Swelling after total immersion:

2 day – 150% min.

7 day – 250% min.

The information contained herein is believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to its accuracy, suitability for particular applications, or the results to be obtained there from. All products purchased from Seller are subject to the terms and conditions as set out in the contract, order acknowledgment, and/or bill of lading. Before using the products, the user should determine the suitability of the product for its intended use. SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEPT THAT THE PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL. IN NO EVENT SHALL THE SELLER BE RESPONSIBLE IN ANY MANNER FOR PERSONAL INJURIES OR PROPERTY DAMAGE, OR ANY OTHER TYPE OF LOSS RESULTING FROM THE USE OF THIS PRODUCT. Nothing contained herein is to be considered to imply the nonexistence of any practice any patented invention, covered by any patent without permission or authority from the owner of the patent.