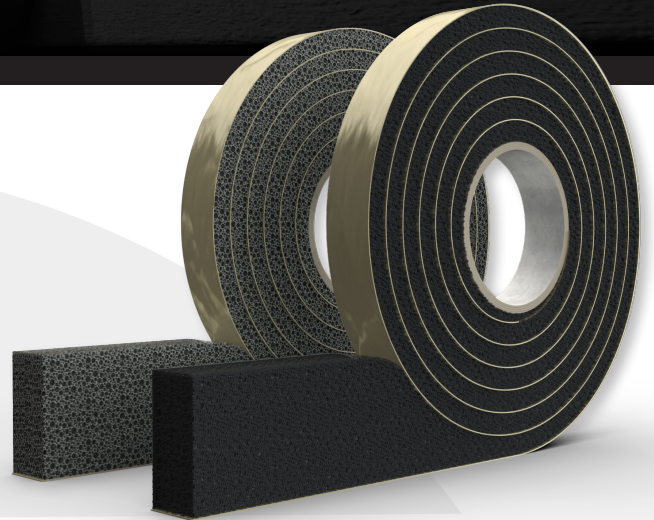


# WILLSEAL® BACKER ROLL™

Secondary Seal for Vertical Applications

## Product Overview

Willseal® Backer Roll™ is a pre-compressed self-expanding foam joint sealant, engineered to perform as a highly flexible, weather-tight, secondary seal in vertical exterior applications. Willseal Backer Roll is specifically designed to provide the ideal foundation for a large variety of wet sealants, such as silicone, polyurethane, polysulfide, and acrylic. Unlike conventional wet sealant and backer rod methods, Willseal Backer Roll is not susceptible to breakdowns caused by excessive or rapid joint movements, thus protecting structures against rain, wind, dust, and sound. Willseal Backer Roll is capable to be waterproof to a wind driven rain at 12.5psf (70mph) yet it is vapor permeable, making an optimal addition to any air barrier system, cavity wall joint, and interior partition application.



## Basic Uses

Typically used as an external or interior joint sealant, Willseal Backer Roll can be used as a secondary seal in vertical applications. Some acceptable applications include: secondary expansion, control, isolation, and retrofit joints. Joints in pre-cast concrete, masonry, brick, and facades.

## Features & Benefits

- Secondary expansion, control, isolation, & retrofit joints - behind wet applied sealants
- Exterior Panel Systems - Masonry, Stone, EIFS, Curtain Walls
- Pre-cast concrete walls, Tilt-up walls
- Window and flashing applications
- Interior vapor, dust, acoustical & air control



# Colors

- Black
- Gray (Upon Request)

# Dimensions

- Secondary: Joint sizes from 1/8" - 2"
- Joint sizes from 2-1/4" to 8" in sticks
- Custom sizes available upon request
- For appearance reasons, Willseal Backer Roll should be installed recessed slightly from the joint face, allowing enough depth for wet sealants

# Typical Physical Properties

PROPERTY	TEST METHOD	VALUE
Thermal Conductivity	ASTM C 518	0.28 – 0.30 Btu-in/hr-°F-ft <sup>2</sup>
Thermal Resistance	ASTM C 518	3.3 hr – 3.6 hr-°F-ft <sup>2</sup> /Btu
Tensile Strength	ASTM D 3574	21 psi min.
Elongation	ASTM D 3574	120% +/- 20%
Compression Set	ASTM D 3574	4.2% max.
Water Resistance	ASTM E 331 ASTM E 547	12.5 psf <sup>3</sup> 12.5 psf <sup>3</sup>
Fire Testing	ASTM E 84 <sup>1</sup>	Flame Spread: 0 Smoke Developed: 5

1. Attachment method of Willseal Backer Roll was in a single joint compressed to 50% of original foam thickness. Joint material was constructed of calcium silicate board and is representative of field installation of the product.
2. Due to the conditions set by Willseal, certain restrictions apply. Inquire with Willseal for details.
3. For higher driving rain resistance see Willseal 150 which provides 1000Pa versus 600S (12psf).

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Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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