

DATA SHEET

Product Description

Willseal 250 is a pre-compressed, self-expanding open micro-cell polyurethane foam impregnated with a hydrophobic, acrylic polymer sealing compound coated with a traffic-grade factory-applied sealant. It is designed to provide a watertight, dust-proof, airtight, noise-reducing, thermally insulating, and UV stable primary seal that does not require invasive anchoring for installation.

Basic Uses

The following applications are acceptable applications for Willseal 250:

- Primary horizontal expansion joints with vehicular traffic
- Primary horizontal expansion joints with pedestrian traffic
- Parking garages
- Stadiums
- Plaza decks on grade
- Airport runways

Features & Benefits

Willseal 250 is a pre-compressed, self-expanding foam joint sealant with a traffic grade silicone coating engineered to perform in horizontal applications subject to solvents and fuels such as those found in parking garages, road and bridge joints, and airport runways. Willseal 250 is specifically designed to provide a maximum seal in structures with shear and rapid movement.

- Allows for up to 100% ($\pm 50\%$) movement
- Accommodates rapid rates of joint movement
- Excellent compression recovery
- Supplied in pre-compressed state for ease of installation
- Utilizes non-invasive anchoring
- Not based on wax, asphalt or bitumastic impregnation

Installation

PREPARATION

- Verify that the joint is clean, sound and will provide an appropriate surface for installation of the joint sealant
- Check material for the appropriate lengths, widths and depths
- Apply a 1/16" – 1/8" coating of the epoxy mixture to both sides of the joint to a depth of the sealant material plus 1/2" to ensure complete bonding

INSTALLATION

- When fully prepared to install, remove the shrink packaging, hardboard, and both release liners from the pre-compressed joint
- Once the joint is installed, run a 1/4" bead of the supplied silicone adhesive along both sides of the face of the joint along the substrate face
- Run the supplied silicone accessory over all seams and transitions to allow for a clean, aesthetic finish

CLEAN UP

- Remove any excess silicone left on the surface of the material or substrate
- Do not reuse waste material

Availability

Willseal 250 is available from your authorized Tremco distributor, and directly through Tremco and Willseal sales representatives

Colors

- Concrete Grey
- Pavement Grey
- Traffic- Grade Black

Limitations

- Avoid contact of Willseal 250 with hydrocarbon solvents and corrosive chemicals.

Warranty

Willseal warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Willseal makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Willseal Products. Willseal's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Willseal Products proven to be defective, and Willseal shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Temp. Stability Range	ASTM C711	-40 to +185°F (-40 to 85°C)
Temp. Stability, Bleeding, Staining and Recovery Under Field Conditions Material will not bleed or stain after withstanding 150°F (65°C) for (3) hours while compressed down to the minimum of movement capability (-50% of nominal material size). After cooling to room temperature, 68°F (20°C), the material will self-expand to the maximum of movement capability (+50% of nominal material size) within (24) hours.		
Ideal Storage Temperature		68°F (20°C)

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