



TECHNICAL DATA SHEET

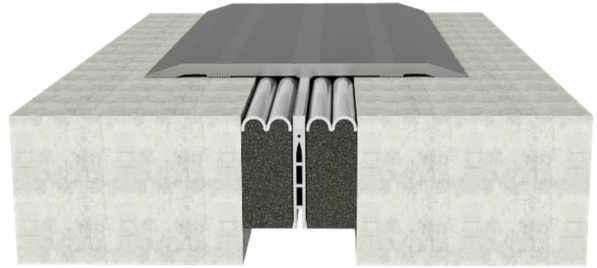
WILLSEAL PROTECTOR PLATE™ – COLUMNAR

Hybrid Horizontal System with
Built-In Cover Plate

PRODUCT DESCRIPTION

Willseal Protector Plate™ – Columnar is a hybrid system comprised of a pre-compressed, self-expanding open micro-cell polyurethane foam impregnated with a hydrophobic, acrylic polymer sealing compound coated with a factory-applied silicone sealant combined with a high performance cover plate designed for expansion joint openings that experience pedestrian and/or vehicular loads.

Willseal Protector Plate – Columnar features two horizontal foam expansion joints factory-assembled alongside a heavy-duty connecting panel. The connecting panel provides additional support for the accompanying cover plate. This system 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

Willseal Protector Plate – Columnar can be used for new construction or restoration projects to create a watertight seal that will withstand pedestrian and vehicular traffic. This system is ideally suited to support seismic movement in the following applications and other similar structures:

- Parking garages
- Pedestrian bridges
- Concourses
- Airport roadways
- Stadiums

FEATURES & BENEFITS

Willseal Protector Plate – Columnar is ideal for joints that experience seismic movement and deflection caused by pedestrian and/or vehicular traffic. This series will provide a watertight seal that also dampens vibrations and absorbs sound.

- Suitable for both retrofit and new construction
- Utilizes non-invasive anchoring
- Provides continuity of seal across the joint

The heavy-duty anchor frames with their interlocking design featured in Willseal Protector Plate – Columnar ensure proper alignment and functionality. Willseal Protector Plate – Columnar is designed to comply with all ADA guidelines. The robust frame incorporates a raised pattern, slip-resistant surface profile for maximum traction and pedestrian safety.

AVAILABILITY

Willseal Protector Plate – Columnar is available as part of a system from your authorized Tremco or Willseal Sales Representative, Tremco or Willseal distributor or warehouse. For questions about joint behavior or the proper material to use, please contact Willseal Technical Service. For more information on ordering contact Customer Service by phone at 800-274-2813 or email custserv@willseal.com.

COMPOSITION

Willseal Protector Plate – Columnar consists of 2 foam expansion joints alongside a metal connecting panel with a robust cover plate.

LIMITATIONS

Concrete must be properly formed, finished, and have sound substrate before installation of Willseal Protector Plate – Columnar. Not intended for submerged or below-grade applications.

WARRANTY

A repair or replacement warranty is available on all Willseal products. Visit <https://www.tremcosealants.com/warranties/> for details.

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

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

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