



MasterFormat: 03 15 00

NO. 323-A

APRIL 2013

## CERAMAR® PRESSURE RELIEF

### Flexible Foam Pressure Relief Joint

#### DESCRIPTION

CERAMAR PRESSURE RELIEF is a flexible foam joint filler composed of a unique, synthetic foam of isomeric polymers in a very small, closed cell structure. Gray in color, the product is lightweight, flexible, highly resilient, and offers recovery qualities of over 99%.

#### USES

CERAMAR PRESSURE RELIEF can effectively relieve pavement pressure and thus help prevent destruction of rigid pavements. Its compact, closed cell structure offers an almost nil water absorption quality. The product may be sealed with either cold-applied or hot-pour sealing compounds. The product provides a very effective way to stop highway blowups and pavement shattering.

#### FEATURES/BENEFITS

- Offers high resistance.
- User friendly, lightweight, flexible foam ... forms or wraps around curved or circular surfaces.
- Offers high resiliency and 99% recovery qualities ... low compression values ... non-extruding ... minimal water absorption.
- Resists ultraviolet degradation ... will not rot or deteriorate.

#### PACKAGING

4 1/2" x 8" x 12' per piece

#### TECHNICAL DATA

Compression, 50%	13.3 psi
Extrusion	0.1"
Recovery	99.21%
Water Absorption, Volume %	0.246

1/2" test specimen; test method – ASTM D-545

#### APPLICATION

**Joint Preparation ...** Cut a straight, accurate joint with parallel sides to receive CERAMAR PRESSURE RELIEF. Joint should be 4" wide and full depth of the concrete pavement. The interfaces of the joint are to be clean, dry, and free of obstructions or projections.

**Note ...** In new construction, the design authority must anticipate all shrinkage and/or expansion and compensate for same when establishing width of formed joint. After curing, shrinkage, etc., joint width should not exceed 4" maximum.

**Installation ...** To install CERAMAR JOINT RELIEF, place the corner of the plank at the end of the joint. Hold the plank at an approximate angle of 45° and apply pressure to the material. Complete insertion may be accomplished by tamping with a sledgehammer or walking it down. If additional pressure is required to completely insert CERAMAR PRESSURE RELIEF, utilize any method or equipment that will exert sufficient downward pressure to complete the insertion without damaging the joint material. Adjoining planks should be tightly butted together.

Insert CERAMAR JOINT RELIEF so that the surface of the material will be approximately 1/2" below the surface of the pavement. When the material is to be over-sealed, insert to the depth specified by the design authority to provide a proper reservoir for the sealing compound. Should it be desired or necessary, CERAMAR PRESSURE RELIEF may be easily cut to size using conventional hand saws.

A lubricant adhesive, such as POINTING MASTIC from W. R. MEADOWS, may be used to aid in placing the material and also to help hold it in place.

**CONTINUED ON REVERSE SIDE...**

## **PRECAUTIONS**

It is absolutely necessary that CERAMAR PRESSURE RELIEF be installed under compression to maintain proper positioning. Width of the joint should be accurately cut to assure a proper compression fit of the material. Insertion in an oversized joint could result in pop-outs if contraction of the pavement occurs.

## **LEED INFORMATION**

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 4: Recycled Content
- MR Credit 5: Regional Materials

**For most current data sheet, further LEED information, and MSDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).**



## **LIMITED WARRANTY**

“W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order.” Read complete warranty. Copy furnished upon request.

## **Disclaimer**

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.