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## CERAMAR®

### Flexible Foam Expansion Joint

#### DESCRIPTION

CERAMAR Flexible Foam Expansion Joint Filler is composed of a unique synthetic foam of isomeric polymers in a very small, closed-cell structure. Gray in color, CERAMAR is a lightweight, flexible, highly resilient material offering recovery qualities of over 99%. The compact, closed-cell structure will absorb almost no water.

#### USES

CERAMAR Flexible Foam Expansion Joint Filler provides an excellent joint filler and back-up material for use in either horizontal or vertical applications where expansion and contraction movements must be accommodated. CERAMAR is compatible with all currently popular cold-applied sealants, caulks and hot-pour joint sealing compounds. It is lightweight and easy to cut or form in the field without waste.

CERAMAR compresses easily for use with shrinkage-compensating concrete and it may be used to relieve stress and pressure in concrete pavements.

**HIGHLY FUNCTIONAL JOINTING AND SEALING SYSTEM:** Two excellent products, CERAMAR and GARDOX® Horizontal Sealant from W. R. MEADOWS, may be used together to provide an excellent horizontal sealing system for plaza decks, sidewalks, driveways, commercial and industrial floors. Refer to GARDOX Data Sheet No. 226.

#### FEATURES AND BENEFITS

- May be sealed with hot or cold-applied sealants
- User friendly, lightweight, flexible foam...forms or wraps around curved or circular surfaces
- Cuts easily on the job with a razor knife...no breakage or waste
- Offers high resiliency and 99% recovery qualities...low compression values...non-extruding...minimal water absorption
- Resists ultraviolet degradation...will not rot or deteriorate
- Non-impregnated...no staining or bleeding
- Bonds easily with common cartridge adhesives
- Non-gassing

#### SPECIFICATIONS

CERAMAR meets the requirements of ASTM D 5249, Type 2, ASTM D 1752, Sections 5.1 through 5.4, with the compression requirement modified to 10 psi (7.03 g/mm<sup>2</sup>) minimum and 25 psi (17.58 g/mm<sup>2</sup>) maximum. It is non-gassing and is compatible with hot-pour joint sealants.

#### TECHNICAL DATA\*

Compression, 50%	13 psi (9 g/mm <sup>2</sup> ) 89.6 kPa
Extrusion	0.1 inch (2.5mm)
Recovery	99.21%
Water absorption, volume %	0.246

Test Method - ASTM D 545 [1/2" (12.7mm) thick test specimen]

\* All technical data is typical information, but may vary due to test methods, conditions and operators.

**CONTINUED ON REVERSE SIDE...**

#### W.R. MEADOWS, INC.

P.O. Box 338 • HAMPSHIRE, IL 60140-0338  
Phone: 847/214-2100 • Fax: 847/683-4544  
1-800-342-5976  
[www.wrmeadows.com](http://www.wrmeadows.com)

HAMPSHIRE, IL / CARTERSVILLE, GA  
YORK, PA / FORT WORTH, TX / BENICIA, CA  
POMONA, CA / GOODYEAR, AZ / MILTON, ONT.

**PACKAGING**

Furnished in standard sheets 48" (1.22m) wide, 10' (3.05m) long. It is also available in precut widths of 2" to 46" (50.8mm to 1.17m)

**Application Tool**



Utility Knife

Thickness	Approx. Wt./100 sq. ft.	Approx. Wt./100 sq. m	Pcs. Per Bundle	Shipping Wt./Bundle
1/4" (6.4mm)	3.13 lbs.	15.29 kg	100	160 lbs. (72.58 kg)
3/8" (9.5mm)	4.70 lbs.	22.93 kg	100	240 lbs. (108.86 kg)
1/2" (12.7mm)	6.25 lbs.	30.52 kg	75	250 lbs. (113.40 kg)
3/4" (19.1mm)	9.40 lbs.	45.90 kg	50	240 lbs. (108.86 kg)
1" (25.4mm)	12.50 lbs.	61.03 kg	40	260 lbs. (117.94 kg)

**APPLICATION**

For horizontal applications, position CERAMAR against the forms, at interrupting columns and objects or adjacent to abutting structures before placing the concrete. Vertical applications may call for CERAMAR to be placed between panels, panel-to-column joints or in block wall joints prior to sealing. CERAMAR may be used with all hot-and cold-applied sealants.

**PRECAUTIONS**

Due to its light weight, CERAMAR will float and must be held in place by compression or with a sealant.

**HEALTH AND SAFETY**

Refer to Material Safety Data Sheet (MSDS) for complete health and safety information.

**ADDITIONAL EXPANSION JOINT PRODUCTS FROM W. R. MEADOWS CAN ALSO BE FOUND BY VISITING OUR WEBSITE.**

**TO VERIFY MOST RECENT TECHNICAL DATA SHEET IS BEING USED, VISIT OUR WEBSITE: [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

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