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CERAMAR® Flexible Foam Expansion Joint

DESCRIPTION

CERAMAR is a flexible foam expansion joint filler 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: 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, and commercial and industrial floors. Refer to GARDOX data sheet #226.

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 5.1: Regional Materials: 10%
Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20%
Extracted, Processed & Manufactured Regionally

FEATURES/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

- ASTM D 5249, Type 2
- ASTM D 1752, Sections 5.1 - 5.4, with compression requirement modified to 10 psi (7.03 g/mm²) minimum and 25 psi (17.58 g/mm²) maximum.
- ASTM D 7174-05

TECHNICAL DATA*

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

Test Method - ASTM D 545 [1/2" (12.7 mm) thick test specimen]
* All technical data is typical information, but may vary due to test methods, conditions, and operators.

CONTINUED ON REVERSE SIDE...

PACKAGING

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

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

For most current data sheet, further LEED information, and MSDS, visit 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.