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(Supersedes April 2004)

## 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.

#### 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/STANDARDS

- ASTM D5249, Type 2
- ASTM D1752, Sections 5.1 - 5.4, with 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.
- ASTM D7174-05

#### TECHNICAL DATA

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

Test Method - ASTM D545 [1/2" (12.7 mm) thick test specimen]

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

#### 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 Safety Data Sheet For complete health and safety information.

CONTINUED ON REVERSE SIDE ...

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**PACKAGING**

Furnished in standard sheets 48" (1.22 m) wide, 10' (3.05 m) long.

Also available in precut widths of 2" - 46" (50.8 mm - 1.17 m).

Thickness	Approx. Wt./100 ft. <sup>2</sup>	Approx. Wt./100 m <sup>2</sup>	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)



**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**

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