



August 11, 2014

ADDENDUM #1
IFB #15-07
Waterproofing and Sealant Repairs at the City Garages

The number of this Addendum, Addendum No. 1, must be entered in the space provided on the Bid Form.

REPLACE:

BID FORM – attached

CLARIFY:

The technical specification for the add/alternate Center Joint at the Ayotte Garage is attached

Sincerely

P. Michael Vaughn
Chief Procurement Officer

BASIS OF AWARD

IFB 15-07

In accordance with the Specifications, and under the terms and conditions mentioned above, I (We) hereby offer to furnish and deliver to departments described above the following materials which shall in all respects meet the attached specifications, as required during the terms mentioned above for the following prices:

Bidder must provide on separate spreadsheet a detailed breakdown of their total costs and must identify all materials to be used.

JOSEPH DOWNES GARAGE:

TOTAL COST:

IN WORDS: _____

OPTION #1, AYOTTE GARAGE:

TOTAL COST:

IN WORDS: _____

ADD ALTERNATE: _____

For the center joint under the plate at the Ayotte Garage

Signature of Bidder _____

Print Name and Title _____

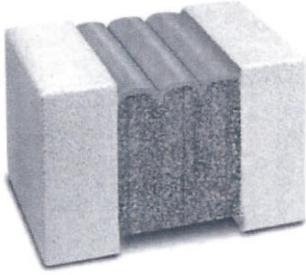
Company Name and Address _____

Telephone Number _____

DSM System

DECKS Solid Slab

Watertight by design®

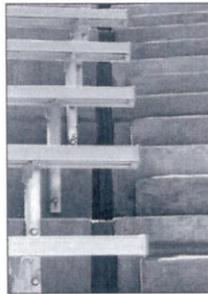


The DSM System is a traffic durable, joint-face adhered, precompressed primary seal. Using a patent-pending microsphere-modified-acrylic impregnation and factory pre-coated with highway-grade silicone, this system builds on EMSEAL's track record of over 30 years of sealing horizontal plane joints with impregnated foam sealants.

- Warranted for watertightness
- 100% free of wax or asphalt compounds
- UV stable
- Non-invasive anchoring
- Non-staining
- Low-temperature flexible, high-temperature stable
- Conforms to joint gap irregularities
- Size switching accommodates joint gap variations
- Movement of +30% and -25% (Total 55%) of nominal size



DSM features easy installation. After epoxy has been applied to the substrate the DSM foam sticks are pushed into the joint. Adjoining sticks are aligned into the face of the already installed stick and held above the surface until the adjoining stick is seated into the joint.



The waterproofing of stadium expansion joints seen here in the precast seating bowl. DSM offers continuity of seal through changes in plane and direction.



DSM is uniquely suited to retrofitting existing joints and readily replaces failed caulk, compression seals, inflated seal, and closed-cell joint fillers.



The DSM SYSTEM is a traffic-durable, lasting solution to high movement and heavy load traffic found in today's parking structures. New construction and retrofit applications are a perfect fit for DSM.

Standard CAD details are available online at www.emseal.com. For application specific CAD details contact EMSEAL directly.

EMSEAL JOINT SYSTEMS, LTD 25 Bridle Lane, Westborough, MA 01581
EMSEAL, LLC 120 Carrier Drive, Toronto, ON, Canada M9W 5R1

Toll Free
800-526-8365

PH: 508.836.0280
PH: 416.740.2090

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FX: 416.740.0233



www.emseal.com

DSM System

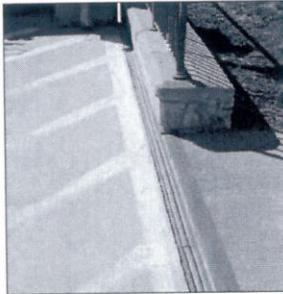
DECKS Solid Slab

Watertight by design

DSM Sizing

Joint Size at Mean T°F		Depth of Seal	
Inches (mm)	(mm)	Inches (mm)	(mm)
1/2	(12)	1 1/2	(40)
5/8	(15)	1 1/2	(40)
3/4	(20)	1 1/2	(40)
1	(25)	2	(50)
2	(50)	2 1/2	(65)
3	(75)	2 3/4	(70)
4	(100)	3 1/2	(90)

DSM sizes are available in 1/4" increments in nominal sizes from 1" to 4". Consult EMSEAL for larger sizes. Nominal size is equivalent to joint gap size at mean temperature.

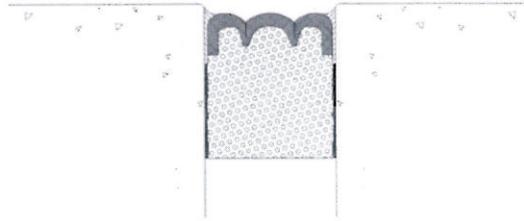


DSM SYSTEM technology provides a structural joint sealant solution. Here DSM is installed at the top of a ramp where a driveway transitions from on-grade to supported slab and from deck-to-deck to deck-to-wall.

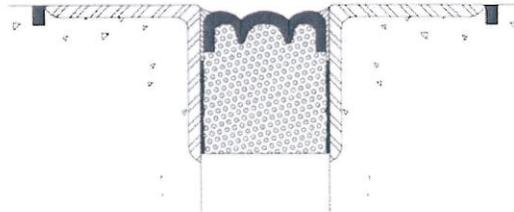


Now Available
DSM
UNIVERSAL-90's
 Factory-Fabricated
 Transitions & Terminations

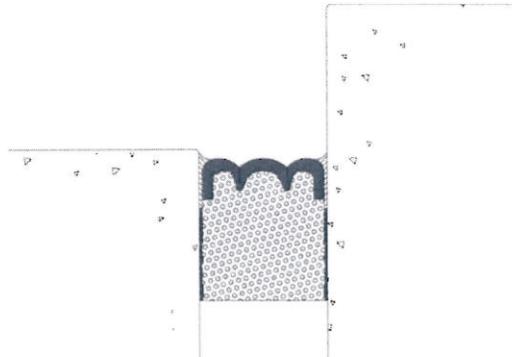
Typical DSM Usage



DSM is an ideal solution for deck to deck light and heavy traffic. This watertight product is easily installed and provides a low service cost during its life span.



Firmly embedded existing metal angles at the edges of expansion joint gaps can easily accommodate DSM.



The non-invasive anchoring method makes DSM a great choice for deck to wall applications.

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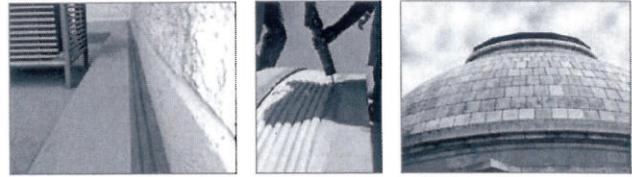
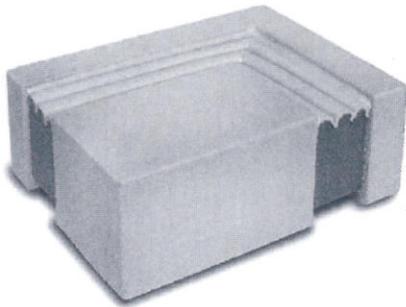


www.emseal.com

HORIZONTAL COLORSEAL

DECKS Solid Slab

Watertight by design®



HORIZONTAL COLORSEAL is selected to blend with the color of the surrounding substrate. It is an ideal solution in non-traffic situations and has the unique ability to handle curved joints large and small.

HORIZONTAL COLORSEAL is a high-movement silicone bellows system for deck applications used as a primary seal typically without a cover-plate in non-traffic areas such as perimeters in decks or roofs. It can be used under a coverplate when pedestrian or vehicular traffic is expected.

- Warranted for watertightness
- 100% free of wax or asphalt compounds
- Non-invasive anchoring
- 26 standard and custom colors
- Conforms to joint gap irregularities
- Size switching accommodates joint gap variations
- Thermally insulating and acoustic dampening
- Bellows are never under tension during joint movement
- No blackout required
- Movement of +/- 50% (Total 100%)

HORIZONTAL COLORSEAL Sizing

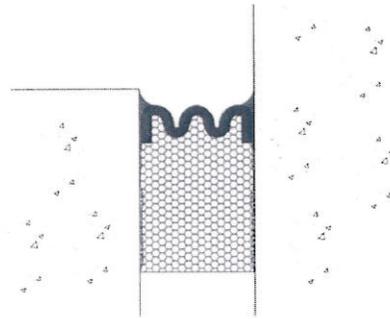
Joint Size at Mean T°F		Depth of Seal	
Inches (mm)	(mm)	Inches (mm)	(mm)
1/2	(12)	1 1/2	(40)
5/8	(15)	1 1/2	(40)
3/4	(20)	1 1/2	(40)
1	(25)	1 1/2	(40)
2	(50)	2 1/2	(65)
3	(75)	3 1/2	(90)
4	(100)	4 1/2	(115)
5	(125)	5 1/2	(140)
6	(150)	6	(150)
7	(175)	7	(175)
8	(200)	8	(200)

HORIZONTAL COLORSEAL sizes are available in 1/4" increments in nominal sizes from 1" to 6", and 1/2" increments from 6" to 8". Nominal size is equivalent to joint gap size at mean temperature.

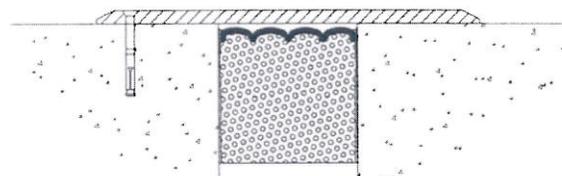


Now Available
HORIZONTAL COLORSEAL
UNIVERSAL-90's
 Factory-Fabricated
 Transitions & Terminations

Typical HORIZONTAL COLORSEAL Usage



HORIZONTAL COLORSEAL is often installed at the junction of a deck and wall.



HORIZONTAL COLORSEAL is typically installed in an area where vehicular or pedestrian traffic does not come in direct contact with the seal. In vehicular situations this is often installed in conjunction with a metal coverplate.



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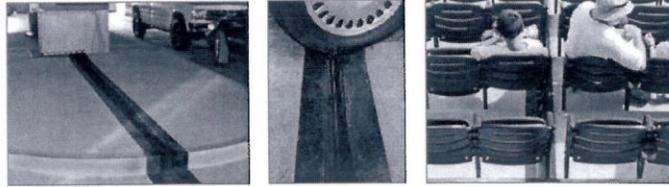
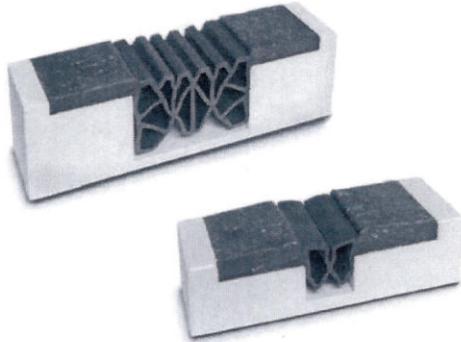
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THERMAFLEX

DECKS Solid Slab

Watertight by design®



THERMAFLEX provides a durable expansion joint which will stand up to direct traffic pressure. Factory-welded transitions are engineered to accommodate changes in plane over curbs, and in treads and risers on stadiums.

THERMAFLEX is a traffic-durable membrane/nosing system. The gland used in the system becomes integral with the deck as the nosing material penetrates the perforations in the gland, encapsulates the flanges, and bonds to the concrete.

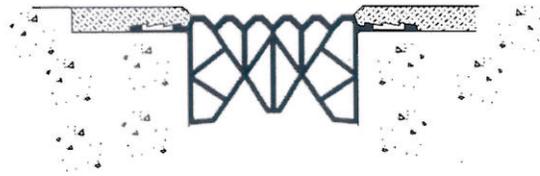
- Warranted for watertightness
- Double-cell or multi-cell glands
- Heat weldable Santoprene gland
- Factory-fabricated transitions and terminations
- Cold-applied nosing is self-curing
- Nosing material is a two-part polyurethane reinforced with fiberglass and silica sand
- Aggregate loading is conservatively maintained not to exceed two parts aggregate to one part resin by weight
- Nosing material is easily troweled
- Durable under vehicular traffic and extreme weather conditions

THERMAFLEX Sizing

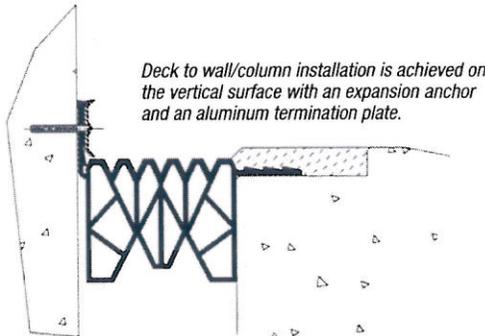
Model No.	Installation Width			Blockout Dimensions (Each side of joint gap)
	Min	Preferred	Max	
TM 1.5	1 in (25mm)	1 1/4 in (30mm)	2 in (50mm)	3/4 in x 3 in (19mm x 75mm)
TM 2.5	1 1/4 (30)	2 1/4 (55)	2 3/4 (70)	3/4 x 3 (19 x 75)
TCR 300	1 7/8 (47)	2 1/8 (53)	2 3/4 (70)	3/4 x 3 1/2 (19 x 90)
TCR 400	2 1/4 (55)	2 3/4 (70)	3 3/4 (95)	3/4 x 3 1/2 (19 x 90)
TCR 500	3 (75)	3 1/2 (90)	4 3/4 (120)	3/4 x 3 1/2 (19 x 90)
TCR 600	4 1/2 (115)	4 3/4 (120)	5 1/2 (140)	3/4 x 3 1/2 (19 x 90)

For size variations or information please consult EMSEAL technical services

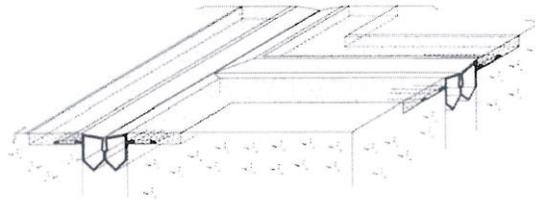
Typical THERMAFLEX Usage



THERMAFLEX is constructed of extruded thermoplastic Santoprene® rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric nosing.



Deck to wall/column installation is achieved on the vertical surface with an expansion anchor and an aluminum termination plate.



Sealing glands are heat-weldable allowing for changes in direction or plane while maintaining watertightness. Factory-fabricated transitions allow for ease of installation. EMSEAL warrants its transitions both within the technology and transitions made in the vertical plane between dissimilar EMSEAL technologies to be watertight.

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