



**OCM**

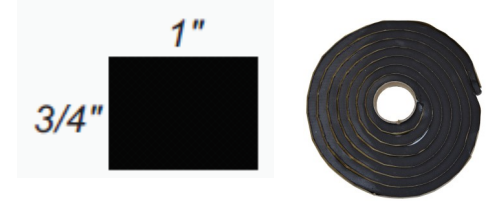
100 YEARS OF STRENGTH

# BENTOSWELL WATERSTOP PRODUCTS CATALOG

EXPANDING  
CONCRETE  
JOINT  
WATERSTOP

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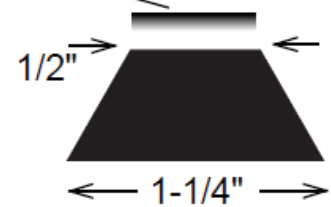
## OCM BENTOSWELL RT



BS-1001R

## OCM BENTOSWELL TRAPEZOID

Poly Scrim Reinforcement



BS-1001T

## OCM BENTOSWELL PRIMER 10.3 OZ TUBE



BS-PRIMER-10.3

## OCM BENTOSWELL PRIMER 1 GALLON CAN



BS-PRIMER-1GAL



## Bentoswell Primer Trowel-Grade Waterproofing Sealant

### Description

OCM, Inc. Bentoswell Primer is a trowel-grade sodium bentonite-butyl rubber sealant designed to be used as a detail accessory in conjunction with other waterproofing products for below-grade concrete water proofing. The material swells upon contact with water to provide a water-tight seal.

### Features

- Easy to apply
- Bonds to most substrate materials
- No primer or surface preparation required
- Expands with water contact to create a water-tight seal

### Basic Use

OCM, Inc. BS-PRIMER-10.3 Bentoswell Primer is used as a flashing material around drains, mechanical and electrical penetrations, waterproofing transactions and terminations, inside corners and other critical areas, and on extremely irregular surfaces where conventional waterproofing membrane is not practical. The material can be used on structural concrete, masonry, wood, and most metal surfaces. It is also used as a primer for OCM Bentoswell bentonite water swelling strip water stop.

### Packaging

BS-PRIMER-10.3, Bentoswell primer 10.3oz cartridge; 30 cartridges per case

BS-PRIMER-1GAL, Bentoswell primer 1 gallon can; 4 cans per case

### Color

Black

### Application Instructions

Surfaces to be sealed should be clean and dry. Apply material at temperatures above 25°F. Condition material to 40°F minimum prior to application. Material is typically applied in 1/4" minimum thickness.

### Safety

Prior to working with this or any product consult product labeling and Material Safety Data Sheet (MSDS) for necessary health and safety precautions.

### Storage and Shelf Life

Store material at temperatures between 40-110°F (4-43°C). Shelf life is 12 months when stored as recommended.

### Technical Data

Weight per Gallon	10.5 LB
Solids Content	80%
Sag Resistance	No sag
VOC Content	240 g/l
Unrestricted Swell	200%

Note: The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.

### Caution

All statements and technical information in this document are based on tests or data that OCM believes is reliable. However, OCM does not warrant or guarantee the accuracy or completeness of this information. The user has sole knowledge and control of factors that can affect the performance of OCM products in the users intended application. It is the user's responsibility to conduct tests to determine the compatibility of OCM product with the design, structure, and materials of the user's end product and the suitability of OCM product for the user's method of application and intended use. The user assumes all risk and liability arising out of such use.



BS-PRIMER-10.3

BS-PRIMER-1GAL

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## OCM Bentoswell

### Expanding Concrete Joint Waterstop

#### Description

OCM BENTOSWELL is a flexible concrete construction water swelling strip that provides a positive seal by expanding upon contact with moisture. OCM BENTOSWELL is a special blend of Butyl Rubber Polymers and Bentonite Clay that provides superior expansion characteristics in concrete construction joints. BENTOSWELL is an active Bentonite Waterstop that is designed to replace passive PVC dumbbell Waterstop in order to eliminate seam welding and split forming required with these types of Waterstops.

Bentoswell Waterstop is available in two different profiles.

BS-1001R is a Rectangle shape measuring  $\frac{3}{4}$ " x 1".

BS-1001T is a Trapezoid shape measuring  $\frac{1}{2}$ " at the small end and 1  $\frac{1}{4}$ " at the large end. This profile also includes a plastic reinforcing scrim to increase the tensile strength.

#### Features

- Provides permanently flexible watertight joints
- Quick and easy to install. Does not require skilled labor
- Excellent adhesion to clean dry surfaces
- Sealed joints will not shrink, harden, or oxidize over time
- Effective, Simple, and economical sealing material for cast in place concrete joints.

#### Limitations

BENTOSWELL is not a self-adhering product, and the use of BENTOSWELL PRIMER is required for proper adhesion to concrete, metal, or PVC surfaces. Do not use mechanical fasteners exclusively to secure BENTOSWELL. But, mechanical fasteners can be used in conjunction with BENTOSWELL PRIMER to adhere BENTOSWELL Waterstop.

BENTOSWELL requires a 75mm(3") minimum concrete coverage to the exterior concrete surface.

BENTOSWELL should not be prehydrated by submersion or remain in contact with water prior to the concrete being poured. If ground water is contaminated, or is expected please contact an OCM Inc, representative for compatibility information.

#### Technical Data

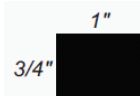
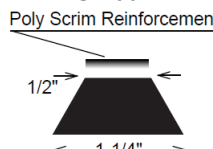
Specific Gravity (ASTM D71)	1.60
Hardness (ASTM D217)	75 dmm
Solids Content (ASTM C681)	100%
Unrestricted Swell	300%
Hydrostatic Head Resistant	231 ft (70m)

#### Applications

**Cast in place applications • Slabs-on-Grade**  
**Foundations • Storage Tanks**  
**Pipe Penetrations • Box Culverts**  
**Tunnels • Utility Vaults**  
**Concrete Vaults • Burial Vaults**  
**Septic Tanks • Retaining Walls**

#### Installation

1. Brush and remove any loose dirt or particles from the surface.
2. Apply BENTOSWELL PRIMER by brush or trowel on to the clean concrete surface. BENTOSWELL PRIMER is available in 10.3 oz tubes or 1 gallon cans.
3. BENTOSWELL PRIMER should be installed in  $\frac{1}{4}$ " minimum thickness.
4. Remove release paper and firmly press the entire length of BENTOSWELL on to the primer surface within 30 minutes of primer application.
5. Tightly Butt Coil ends together to form a continuous waterstop. Do not overlap coil ends. Coils can be cut with a knife or utility blade.
6. Now you are ready to pour concrete.

OCM Part #	Description	Box Qty	Weight
<b>BS-1001R</b> 	<b><math>\frac{3}{4}</math>" x 1" x 16' 8" Ft Rolls</b> (6 Rolls per Carton)	100 LF	51 lbs
<b>BS-1001T</b> 	<b><math>\frac{1}{2}</math>" x 1 <math>\frac{1}{4}</math>" x 20 Ft Rolls</b> (6 Rolls per Carton)	120LF	44 lbs

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◆ OCM's manufacturing, strategic alliances, distribution and divisional locations worldwide.

## A GLOBAL LEADER IN METAL WORKING

**OCM, Inc.** is a subsidiary of OKABE Co., LTD. OKABE was founded in 1917 in Japan and has been a full service manufacturer and distributor of concrete construction supplies, and a world leader in the Metal Forming Industry for over eighty years. Through capital investment and strategic partnerships, Okabe has achieved sales of over one billion dollars and employs over 1,500 people worldwide. OKABE uses a broad range of metal forming technologies to provide a diverse selection of engineered fasteners and components.

OKABE Markets Include: Construction Industry, Concrete Forming Accessories, Waterstop Products, Scaffolding & Shoring Components, Rebar Splicing, Transportation Industry, Heavy and Medium Duty Truck O.E.M.'s, Light & Heavy Duty Trailer O.E.M.'s, Heavy Duty Truck and Trailer Aftermarkets, Automotive & Light Truck O.E.M.'s, Axle & Suspension O.E.M.'s, Wheel, Hub & Drum O.E.M.'s, Agricultural & Construction Machinery O.E.M.'s, & Civilian & Military Marine & Shipbuilding Industries.

**OCM's** worldwide manufacturing base coupled with a North American distribution network provides our customers with sophisticated design support, engineered quality and globally competitive products. **OCM's** global quality policy is one of continuous education, statistical analysis and evaluation of our systems, processes and techniques. We are dedicated to provide the highest quality products, at a competitive price, through innovation and technical expertise and the utmost in customer care. We invite you to visit our website [www.ocm-inc.com](http://www.ocm-inc.com) or contact our sales department at **1-866-457-5710** with your product questions.

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