



SwellTape™ embedded in
SwellCaulk™

Gungrade SwellCaulk™

SealBoss® SwellTape Advantages

- Highly swellable construction joint seal
- Waterproofing between concrete pours
- Sealing of pipe penetrations
- Sealing of saw cut joints
- Waterproofing of wall - slab joints
- Easy application
- Can be embedded in SealBoss® SwellCaulk™



Swelling - The System Principle

When in contact with water, SealBoss® SwellTape™ & SwellCaulk™ sealants develop an expansive swelling pressure.

The pressure between the expanding product and the surrounding concrete structure prevents the penetration of water through the joint and provides a durable waterproofing solution.

Product Description

SealBoss® SwellTape™ is a manufactured hydrophilic waterstop strip that swells on contact with water thereby creating a compression seal. The product is formulated for sealing construction joints, pipe penetrations and other concrete joints. SealBoss® SwellTape™ is applied in the center of the existing cured concrete surface prior to the new pour. SealBoss® Products are designed for professional use.

Installation Guidelines

SealBoss® SwellTape™ is suitable for reinforced joints in concrete structures with a minimal strength of 2175 psi. The product should be applied to a dust-free concrete surface.

Due to the swelling pressure created during expansion, SealBoss® SwellTape™ must be installed at a minimum of 50 mm (2") from each side of the joint edge.

Product attachment:

A) SealBoss® SwellTape™ may be embedded in freshly applied SealBoss® SwellCaulk™ which serves as adhesive. The use of SealBoss® SwellCaulk™ will further assist in leveling uneven, porous concrete surfaces thereby enhancing the waterproofing properties of the system. Conditions for this method should be dry. For detailed information on SealBoss® SwellCaulk™ application requirements, please refer to SealBoss® SwellCaulk™ data sheet.

B) SealBoss® SwellTape™ may also be nailed to the concrete surface. Shoot suitable concrete nails by spacing them 15 cm (6") apart using a high grade nail gun.

Important: For overlap, crossings and terminations cut SealBoss® SwellTape™ in a 45° angle and connect without a visible gap.

Applications around plastic pipe penetrations are limited in diameter to DN 50 (2") cold water and DN 25 (1") for hot water. The high potential swelling pressure of SealBoss® SwellTape™ may result in pipe deformation. Larger diameters can be achieved with strong metal and cast iron pipes.

Limitations

SealBoss® SwellCaulk™ must be completely confined to perform properly.

Product Expansion:

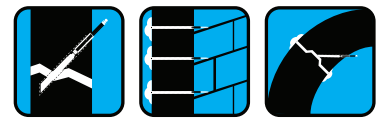
SealBoss® SwellTape™ expands on contact with water.

Product must be in dry condition at time of use.

Avoid any prolonged contact with water prior or during application of product to avoid any premature swelling. Product that is in a state of expansion prior to pouring will result in reduced waterproofing capacity.

Shipping and Storage

Ship in accordance with all applicable laws. Refer to SDS for more information. Store unopened in dry area for up to 12 months from date of production at temperatures between 45°F and 85°F for best performance. See shelf life details on the material packaging. Avoid any contact with water or excessive humidity.



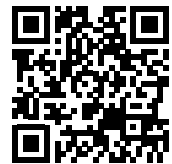
Technical Properties

Uncured

Appearance	Rubbery Profile Tape
Dimensions	5 x 20 mm / other
Solids	100%
Weight	0.12 kg/m / 0.25 lb/yd / other
Substrate Temperature	5-40°C / 40-100°F
Unconfined swelling capacity in contact with	
- pure water	~ 1000%
- sea water	~ 500 - 750%
Water impermeability	
Positive side	5 bar (75 psi)
EN 12390-8	
Water absorption	1.2 kg/m / 2.4 lb/yd
Packaging	200 m (652') / 50 m rolls (163') , 6 kg / 13 lbs per 50 m

Health and Safety

Protect your health! While working with this material, always use safety goggles, gloves and safety clothing consistent with OSHA and all applicable local and jobsite regulations. When handling hazardous materials or pressurized materials, or during any application that may result in spills, splashes or airborne particles, a full face shield is strongly recommended. Protect yourself and others on the jobsite. Consider property in proximity of the application area to prevent loss or damage. Protect your jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals! Observe container labels, SDS, applicable laws and regulations and all instructions before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area. Further protection: emergency showers and eyewash stations. Get immediate medical attention as needed.



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