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VOLCLAY WATERSTOP-RX®

Expanding Concrete Joint Waterstop

DESCRIPTION

WATERSTOP-RX® is a sodium bentonite based waterstop designed to stop water infiltration through cast-in-place concrete construction joints by expanding upon contact with water to form a positive seal against the concrete. The key to WATERSTOP-RX's effectiveness is its 75% sodium bentonite content which provides superior expansion to seal and fill voids and cracks in the concrete. WATERSTOP-RX is an active bentonite/butyl-rubber based waterstop that is designed to replace passive PVC/Rubber dumbbell waterstops, thereby eliminating the requirement of special pieces, split-forming and seam welding. WATERSTOP-RX has been successfully tested by independent testing firms to over 200 ft. of hydrostatic water pressure, under both continuous immersion and wet/dry cycling. WATERSTOP-RX is available in three sizes and shapes (See Product Table). WATERSTOP-RX 101 is produced in a rectangular shape measuring 1" x 3/4". WATERSTOP-RX 101T is produced in a trapezoidal shape measuring 1 1/4" x 1/2" with a reinforcing plastic scrim embedded in the top surface for high tensile strength. The patented trapezoidal shape distributes the expansive force over a greater area and allows the concrete to flow more readily over the product during placement. WATERSTOP-RX 102 is produced in a half circle (crescent) shape measuring 3/4" x 3/8".

LIMITATIONS

WATERSTOP-RX is not a self-adhering product. WB-ADHESIVE is required to secure WATERSTOP-RX to concrete, metal, or PVC surfaces. Mechanical fasteners should not be used to secure waterstop alone, but may be used in conjunction with WB ADHESIVE.

APPLICATIONS

Applications include both vertical and horizontal non-moving concrete construction joints, new to existing concrete construction, irregular surfaces, and around through-wall penetrations, such as plumbing and utility pipes. Additionally it can seal around concrete pilings and steel I-beams passing through the slab. WATERSTOP-RX works in both continuous hydrostatic and intermittent hydrostatic conditions.

WATERSTOP-RX is certified by NSF International for use in potable water tanks 1,000 gallons or greater.

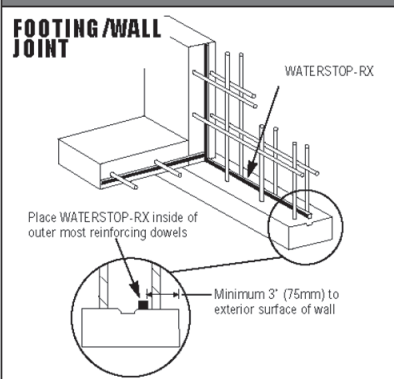
WATERSTOP-RX products are designed for reinforced structural concrete with a minimum of 3000 psi compressive strength. RX-101 and RX-101T products are designed for concrete 8" thick or greater with two rows of reinforcing steel. RX-102 products are designed for vertical concrete 5" thick or greater; and horizontal concrete no less than 4" thick. RX-102 products should be used in concrete with one row of steel reinforcement, concrete curbs, planter walls, fountains, and lightweight structural concrete.

INSTALLATION

Primer: Roller or brush apply WB-ADHESIVE a minimum of 5 mils thick, by the width of the product, along the entire surface length to receive WATERSTOP-RX. Allow adhesive to dry.

Installation: After allowing adhesive to dry black, remove release paper, then firmly press the entire length of WATERSTOP-RX onto the adhesive. Tightly butt coil ends together to form a continuous waterstop -- **Do not overlap coil ends**

GENERAL APPLICATION DETAIL



WATERSTOP-RX is an effective, simple and economical sealing material for cast-in-place concrete joints.

WATERSTOP-RX PRODUCT PACKAGING TABLE

PRODUCT	SIZE	SHAPE	HYDRATION TYPE	LN FT/ CARTON	CARTON WEIGHT
RX-101	1"x3/4"x16'8"	Rectangle	Standard	100 lf. (30.4m)	53 lbs. (24.1 Kg)
RX-101T	1-1/4"x1/2"x16'8"	Trapezoid w/ Poly Scrim Reinforcement	Standard	100 lf. (30.4m)	36 lbs. (16.3 Kg)
RX-102	3/4"x3/8"x25'	Half Circle	Standard	150 lf. (45.7m)	25 lbs. (11.3 Kg)

*****WB-ADHESIVE COVERAGE RATE: 400-600 LF PER GALLON AVAILABLE IN ONE GALLON PAILS*****