

WATERSTOP® XP

EXPANDING WATERSTOP WITH XP TECHNOLOGY FOR CONCRETE CONSTRUCTION JOINTS

DESCRIPTION

WATERSTOP® XP is an active polymer strip waterstop featuring XP Technology that has been proven effective in a wide range of contaminated environments. The active polymer of WATERSTOP® XP is engineered to provide a consistent positive seal against concrete surfaces in fresh and high-saline ground water conditions. WATERSTOP® XP is effective in both continuous and intermittent hydrostatic conditions.

The expansion and pliability of WATERSTOP® XP also provides effective crack-sealing and void-filling capacity.

APPLICATIONS

- Horizontal and vertical non-moving concrete construction joints
- Casting new concrete against existing
- Around pipe and other mechanical penetrations
- Around structural penetrations through the slab or wall
- Hydrostatic or non-hydrostatic conditions

INSTALLATION

Concrete surfaces must be clean and free of all contaminants. Remove all debris and loose concrete. Place WATERSTOP® XP within concrete joint to obtain a minimum of 75mm depth of concrete coverage on all sides of WATERSTOP® XP; along the entire product installation. Abut coil ends

to form a continuous waterstop line. Secure WATERSTOP® XP with a continuous bead of CETSEAL®; apply 6 mm diameter bead to concrete surface where WATERSTOP® XP will be placed. Press WATERSTOP® XP into CETSEAL® immediately following adhesive installation. Allow CETSEAL® to set before pouring concrete to encapsulate WATERSTOP® XP. For irregular surfaces, WATERSTOP® XP must be installed continuously contouring (in contact) with substrate.

In lieu of CETSEAL®, an alternate installation method is to secure WATERSTOP® XP with REVO-FIX mesh. After placing WATERSTOP® XP on clean concrete surface, install REVO-FIX mesh directly over waterstop, lapping the mesh strip ends. Fasten through laps with concrete nails supplied with REVO-FIX mesh, and install additional fasteners in between laps at 300mm on center. Start REVO-FIX installations at waterstop junctions and transitions. Install the REVO-FIX over the entire waterstop to form a continuous securement. End-to-end or side-to-side junctions are created by simply abutting the mesh strips; not by overlapping the REVO-FIX. At junctions, ensure continuity is achieved by pressing ends firmly together and then fastening the mesh end.

LIMITATIONS

WATERSTOP® XP is not a self-adhering product. CETSEAL® or REVO-FIX mesh is required to secure WATERSTOP® XP. WATERSTOP® XP is not designed, nor intended to function as an expansion joint sealant or in concrete joints that do not provide minimum 75mm concrete coverage on all sides. WATERSTOP® XP is not designed as the primary seal for chemical solutions in tanks or other vessels. In conditions where severe ground water chemical contamination exists or is expected, consult manufacturer for compatibility information. WATERSTOP® XP should not be prehydrated by being subjected to submersion or remain in prolonged contact with water prior to concrete coverage. If the product exhibits considerable swell prior to confinement in the joint, it must be replaced with new material.

SIZE AND PACKAGING

Roll Dimensions: 10mm x 15mm x 6m.
Box Contains: 8 Rolls, 48m.

TECHNICAL DATA

MATERIAL PROPERTY	TYPICAL VALUE
Hydrostatic Resistance in 4.5% Salt-water	30 m
Expansion in Potable Water	300%
Expansion in 4.5% Salt-Water	200%
Color	Blue

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IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please contact CETCO sales team. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.



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