

TECHNICAL DATA SHEET

Construction Joints & Details



Kryton Crack Inducing Waterstop

Product Code: K-341

DESCRIPTION

Kryton Crack Inducing Waterstop is specially engineered to produce a waterproof crack control joint.

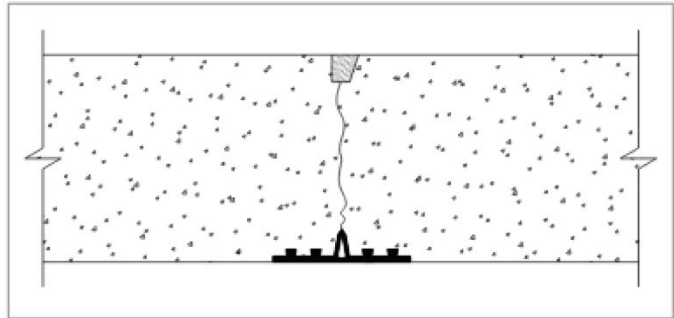
Used as part of the Krystol Waterstop System and in conjunction with Krystol Waterstop Grout, Kryton Crack Inducing Waterstop is resistant to waterborne chemicals and is perfect for blindside applications where access is limited. It is placed in a predetermined location to isolate cracking to a controlled area in order to eliminate water entry through uncontrolled shrinkage cracking.

Kryton Crack Inducing Waterstop is fastened to the concrete form or shoring wall. A keyway is measured and formed directly opposite the waterstop. After the concrete is placed, a controlled crack develops from the Crack Inducing Waterstop through to the keyway. Krystol Waterstop Grout is then tightly packed in the keyway for added protection.



FEATURES & BENEFITS

- Accurate placement of control joints
- Ideal for blind walls
- Easy to form and install
- Extremely durable
- Heat weld-able
- Highest quality PVC



RECOMMENDED USES

Use Kryton Crack Inducing Waterstop to create crack control joints in cast-in-place concrete and shotcrete walls.

PROPERTIES

Color	Bright Yellow
Standard Weight	1.5 kg/m (1.0 lb/ft)
Dimensions	150mm x 40mm (6" wide x 1-5/8")
Water absorption (ASTM D5)	0.15% max.
Tear resistance (ASTM D624)	5.4 kg/mm (300 lb/in) min.
Ultimate elongation (ASTM D638)	350% min.
Tensile strength (ASTM D638)	2000 psi min.
Low temperature brittleness (ASTM D746)	Passes at -35°F / -37°C
Stiffness in flexure (ASTM D747)	700 psi min.
Specific gravity (ASTM D792)	1.38 max.
Hardness, Shore A(ASTM D2240)	79±3
Head Pressure Resistance (Water Column)	299 KPa (100')

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APPLICATION

Before using this product, must refer to Application Instruction 4.14 – Waterproofing Horizontal & Vertical Control Joints.

Fasten Kryton Crack Inducing Waterstop to the exterior concrete form at the required control joint location. Directly opposite the waterstop, form a 4 cm (1.5 in.) keyway. After concrete has hardened, mix Krytol Waterstop Grout to a dry putty consistency and tightly pack keyway flush to the surface. Protect the Grout application from damage by rain, rapid drying or freezing for at least 24 hours.

Drawings and Specifications:

For section drawings, CAD details and specification language related to this product, visit www.kryton.com/technical-info/ or contact your authorized Kryton representative.

LIMITATIONS

Some restrictions with transitions and intersections. Always maintain adequate clearance between reinforcing steel and Kryton's Crack Inducing Waterstop. Any discontinuity in the waterstop system can be a point of leakage.

SAFETY

Kryton Crack Inducing Waterstop is non-reactive and fully cured. For professional use only. Keep out of reach of children.

PACKAGING

Kryton Crack Inducing Waterstop is available in 15.24 m (50 ft.) rolls: 10 rolls per pallet.

SHELF LIFE

When stored below 38°C (100°F) and protected from UV light, Kryton Crack Inducing Waterstop has a shelf life of at least 10 years when stored in unopened, original packaging.

WARRANTY

Kryton International Inc. (Kryton) warrants that Kryton products are free from manufacturing defects and comply with the specifications given in their respective technical data sheet. Because conditions of use, such as site conditions, surface preparations, workmanship, concrete ingredients, weather, structural issues and other factors are beyond the control of Kryton, no warranty can be given as to the results of use. Purchaser agrees to seek the advice of qualified professionals and to determine for themselves the suitability of the products for their intended purpose and assumes all risks. Purchaser's sole remedy is limited to replacement of any product proven defective or at Kryton's option refund of the purchase price paid. THIS LIMITED WARRANTY CONTAINS THE ENTIRE OBLIGATION OF KRYTON. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KRYTON SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. No representative of Kryton has the authority to make any representations or provision except as stated herein. Kryton reserves the right to change the properties of its products without notice.