

# TECHNICAL DATA SHEET

## Construction Joints & Details



# Krytonite™ Adhesive

Product Code: K-351

## DESCRIPTION

Krytonite Adhesive is specially designed to adhere Krytonite™ Swelling Waterstop to concrete construction joints and penetrations that require waterproofing. Krytonite Adhesive has incredible bonding strength, even on damp concrete surfaces and can be used in all seasons.



## FEATURES & BENEFITS

- Fast and easy to use
- Excellent adhesion strength
- Rapid skin formation and curing
- Concrete casting in just a few hours
- Good chemical resistance against water, aliphatic solvents, oils, fat, watered inorganic acids and alkalis
- Completely weather resistant

## RECOMMENDED USES

Use Krytonite Adhesive with Krytonite Swelling Waterstop to waterproof seal construction joints, around penetrations, between precast elements and other places where concrete joints occur.

## PROPERTIES

Physical Properties	
Yield per cartridge	8-10 In meters (26-32 In feet)
Density @ 23°C (73.4°F)	1.40 +/- 0.05 g/cm <sup>3</sup>
Shore A hardness, ASTM D 2240	50 +/- 2 (after 21 days @ 23°C (73.4°F) / 50% RH)
Tensile strength (ASTM D 412)	3.0 MPa (Approximate)
VOC's (Volatile Organic Compounds)	No volatile components present

## APPLICATION

Before using this product, refer to Application Instruction 4.11, 4.15 or 4.16 (as applicable).

Basic Application Procedures: Apply a thick bead of adhesive to the concrete surface where the Krytonite is to be installed. There must be enough adhesive so that when the Krytonite strip is pressed into the adhesive it squeezes out from the sides and does not leave any void between the Krytonite strip and the concrete. Typical adhesive coverage is 8–10m (26–32ft.) per tube with a bead size of 6mm (1/4in.). Rough surfaces will require more adhesive. Immediately press the Krytonite strip into the adhesive – unrolling the coil as you progress. Do not allow time for the adhesive to form a skin. Allow adhesive to dry before pouring concrete.

### Drawings and Specifications:

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

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### LIMITATIONS

Moderate resistance against esters, ketone and aromatics. Not resistant against concentrated acids and chlorinated hydrocarbons.

### SAFETY

Read the Safety Data Sheet (SDS) before using this product. For professional use only.

### PACKAGING

Krytonite Adhesive is available in 290 ml cartridges, 12 cartridges per box, 96 boxes per pallet.

### SHELF LIFE

When stored between 4°C – 38°C (39°F – 100°F), Krytonite Adhesive has a shelf life of at least 2 years in unopened original vacuum sealed 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.