



# KISCOTE RW 10

## Rapid-Action Hydrophilic Rubber Waterstop

### **DESCRIPTION**

KISCOTE RW 10 is a pale-coloured rubber waterstop made of butyl materials. It swells rapidly when immersed in water, making it an obvious choice as a pre-installed defense against water leakages along construction joints for poured in-situ concrete. To prevent premature expansion before the next pour of concrete, it has been treated with a protective coating so it will not react for the first 1-2 hours of full contact with water.

KISCOTE RW 10 reacts to water ingress rapidly – expanding over 100% by the first 20 hours of immersion in water. In addition, it has exhibited an ability to expand repeatedly after numerous wet-dry cycle conditions while still maintaining its functionality. It is installed by being nailed to one side of the concrete or glued using appropriate adhesives.

### **RECOMMENDED USES**

- Box culverts
- Dam construction
- New to old concrete
- Precast concrete wall panel systems
- Poured in-situ construction joints
- Underground (utility) vault seal

### **ADVANTAGES**

- Built-in delay-reaction coating to prevent premature swelling.
- Easy to install.
- High swelling > 250%.
- Non-toxic.
- Available in beige colour for effective site inspection

### **APPLICATION GUIDELINES**

#### a) Surface Preparation

Receiving surface shall be relatively even.

#### b) Installation

- KISCOTE RW 10 is installed by nailing into position with concrete nails. Use of appropriate adhesives (with no solvent that will attack the material) is acceptable.
- Over-lapping between two layers of waterstop should not be less than 50mm.



## **PACKAGING**

KISCOTE RW 10 is supplied in: -

White-Beige Colour in 20x10mm – 50 metres/ box (2 rolls of 25 metres)

## **STORAGE**

KISCOTE RW 10 should be stored in tightly sealed original packing, and a 12-month shelf life can be expected from date of manufacturing.

## **HEALTH & SAFETY**

KISCOTE RW 10 is non-hazardous to health when used as waterstop. Refer to SDS for further information.

## **TECHNICAL PROPERTIES**

KISCOTE RW 10	
Appearance	White - Beige
Density	1.45
Volumetric expansion in fresh water	<ul style="list-style-type: none"><li>• No effect after 1-2 hour</li><li>• &gt;120 % (after 16 hours)</li><li>• &gt;250 % (after 7 days)</li></ul>
Durometer hardness (Shore A)	30
Loss of materials after immersion in water (Visual)	None. No observation of cloudiness in water after 3 days.
Elongation (ASTM D412)	>300%

### **IMPORTANT NOTES**

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

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