

## TIGHT 112

Hydro-Swelling Waterstop

### GENERAL DESCRIPTION

AXEL TIGHT 112 is water activated hydro-swelling waterstop, which prevent any water seepage at construction joints efficiently.

AXEL TIGHT 112 is a high performance elastomeric material in form of strip that will swells in the presence of water. The high swelling of AXEL TIGHT 112 generate a positive pressure against the faces of concrete joint, thus will seal off any cracks and voids, preventing water seep out.

### RECOMMENDED USES

Use for especially for:

- \* Construction and cold joints
- \* Around pipe penetration

### CHARACTERISTICS & ADVANTAGES

- \* Simple Installation
- \* Economical easy to apply, minimizes installation time and cost
- \* Provides a good sealer against water ingress
- \* An active waterstop which swells in the direction water seepage
- \* Flexible - highly suited for corners and pipe penetrations

### COVERAGE

10 meter / roll

### COLOURS

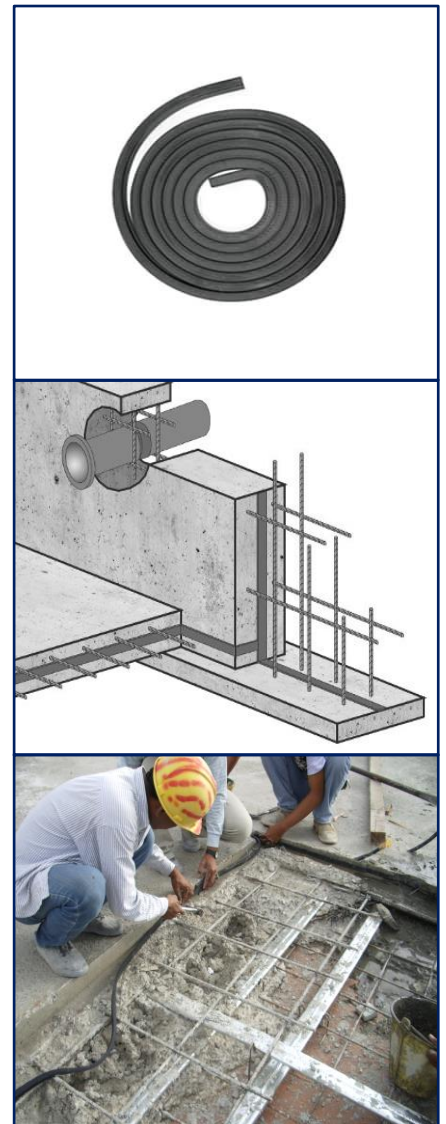
Black

### PACKING

1 Roll - 20mm (width) x 10mm (thickness) x 10m (length)

### STORAGE

Store in a dry, cool and shaded place



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### SURFACE PREPARATIONS

The substrate must be clean and free from oil, grease and other contaminants. **AXEL TIGHT 112** should be centrally placed in the joint and requires a minimum concrete cover of 50 mm to confine swelling pressure. Prolonged immersion of **AXEL TIGHT 112** in water before the next concrete pour should be avoided.

### METHOD OF APPLICATION

- \* Apply primer onto dry concrete surface between inner and outer reinforcement bars.
- \* Roll out **AXEL TIGHT 112** over the primer surface and press to achieve adhesion.
- \* Cut to achieve desired length where necessary.
- \* The ends of the 5mm rolls are butted together to form a continuous.
- \* For pipe penetrations, wrap **AXEL TIGHT 112** around section of pipe before casting / grouting.
- \* Cast the next section of concrete to complete joint.

#### **Notes:**

- \* Expansion rate can vary in salt and contaminated water.
- \* Not for use where excessive shrinkage of the concrete may occur at the joint faces or in expansion/movement joints.

### CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be mechanically removed.

### TECHNICAL SPECIFICATIONS

No. of component	One
Form	Rectangular section strip form
Expansion	> 150% by volume
Shore A hardness	> 30
Tensile strength	1.5 Mpa
Low temperature bending	No cracks

### SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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