

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

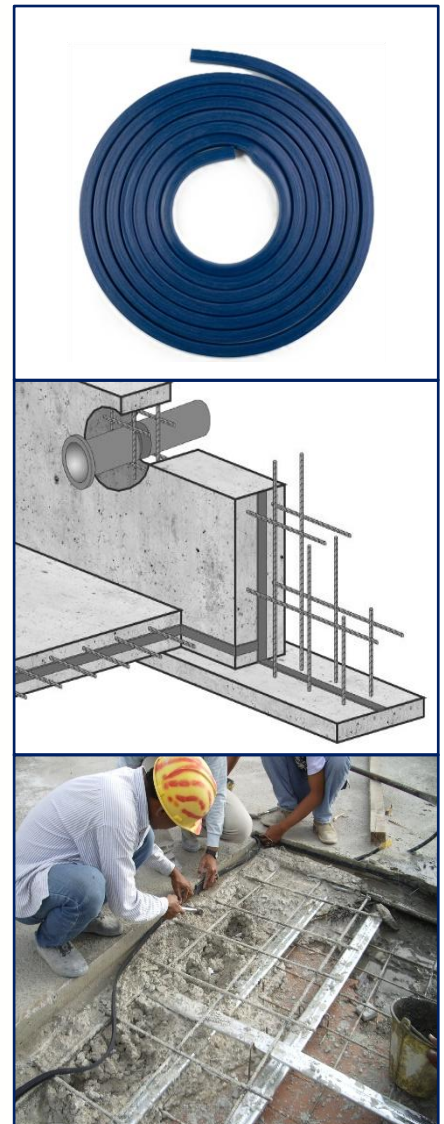
Blue

PACKING

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

STORAGE

Store in a dry, cool and shaded place



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	> 40
Tensile strength	3 Mpa (min)
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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