

Crocodile Expanding Waterstop

Water Activated Expanding Rubber



Water Activated Expanding Rubber

Crocodile Expanding Waterstop is made from Bentonite and Butyl Rubber which provides superior expansion to seal cracks and fill small voids. It is a flexible strip concrete construction joint waterstop that provides a positive seal by expanding upon contact with water. Crocodile Expanding Waterstop is an active waterstop that functionally replaces conventional passive PVC dumbbell waterstops. It is designed for both continuous and intermittent hydrostatic conditions and hydrostatic head resistance 120 PSI (8 bar).

Product Features

- Fast and easy installation, no welding required, save time and labor cost.
- Provides superior expansion to seal cracks and fill small voids. Unaffected by repeated wet and dry cycles.
- Vertical and horizontal cast-in-place concrete joints where limited or no movement joint
- Light weight for easy handling, can be applied to rough surfaces or pipe penetration.
- Withstand hydrostatic pressure
- Nontoxic and non-hazardous

Application Instruction

Application

- The substrate must be sound, clean, dry and free from all surface contaminants.
- Remove protective backing from the adhesive side and press a continuous roll of Crocodile Expanding Waterstop firmly onto the surface.
- Ends can be either butt-joined or kneaded together to form a continuous, uninterrupted seal.
- On vertical installation, it is recommended to use adhesive or nails to ensure firm fixing of waterstop during concrete placement. Besides use of adhesive or nails, the use of nails at approximate 30 cm spacing is allowed for waterstop installation.
- Do not allow water stops to be exposed to rain or standing water prior to pouring of concrete. The recommended concrete covering depends on the size of waterstop:
 - Concrete covering > 20 cm, waterstop size 25 mm x 20 mm
 - Concrete covering < 20 cm, waterstop size 20 mm x 15 mm
 - Pipe application, waterstop size 20 mm x 10 mm



Technical Data

Test	Evaluation
Material	Bentonite + Butyl Rubber
Color	Black
Specie Gravity	1.5 – 1.85
Service Temperature	-40 °C to +80 °C
Expansion range	>300%
Adhesion on concrete	Excellent
Hydrostatic Pressure Test	8.0 bar (>80 m or 120 psi)
Wet / dry cycling	No effect

Storage

Crocodile Expanding Waterstop can be stored unopened for 12 months in dry place.

Packing

(mm x mm)	long / Roll (m)	Roll / Box
25 x 20	5	6
20 x 15	6	6
20 x 10	9	6

The information provided is given in good faith, based on current knowledge and Jorakay Corporation's experience with the products when they are properly stored, handled and applied in normal situations and in accordance with the recommendations of Jorakay Corporation. This is useful for information and consulting, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. Jorakay Corporation reserves the right to modifications that improve the product or its application. This version invalidates previous ones.