

HYDROLOCK STRIP

HYDROLOCK STRIP is a swellable bentonite joint sealing tape with crystallization additives. HYDROLOCK STRIP is used as a waterstop in concrete construction joints, and is tested and approved up to 7 bar water pressure.

TITANTECH®

For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

The swellable bentonite tape consists of bentonite embedded in a matrix of highly molecular polyisobutylene Caoutchouc and specialty filler with crystalline admixture. Supplied as a coiled 'strip', it is simply fastened onto the existing joint surface before the next concrete pour. Any subsequent water leakage through the joint activates the HYDROLOCK STRIP, which absorbs the water and swells, expanding into the joint and forming an impermeable layer in the joint. Compared with traditional joint sealants (PVC tape, sheets etc). HYDROLOCK STRIP is economical, reliable and robust, with optimal levels of performance.

Advantages

HYDROLOCK STRIP seals in two phases: Sealing by immediate swelling in contact with water and sealing by crystallization.

- Self-injecting effect – penetrates cracks and cavities.
- Swelling and shrinking are infinitely reversible.
- Dimensionally stable in all temperatures.
- High natural mineral component ensures limited fatigue over time.

Colour	Black
Height	20 mm
Width	25 mm
Length	5000 mm

Named Accessory in Certification



Please Scan



Rev 2024

HYDROLOCK STRIP

Feature	Characteristics
Shape	Rectangular
Colour	Black
Dimensions	20mm (H) x 25mm (W) x 5000mm (L)
Coating	Talcum
Weight	730 g/m
Toxicity	Non-toxic

JUTA UK

For additional information or assistance, please contact JUTA UK directly.

Application

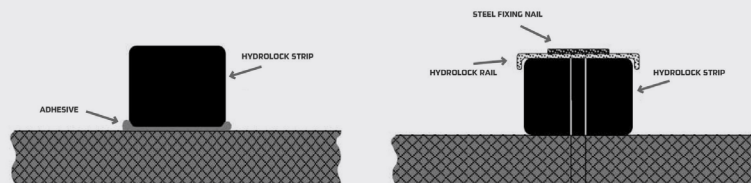
HYDROLOCK STRIP should be placed only on in-situ concrete – the tape shall be covered on all sides by concrete (min. 80mm concrete cover required) to ensure swelling pressure can be established.

Storage

Rolls of HYDROLOCK STRIP is delivered in rolls of 5m length, in boxes of 6 units, and should be stored on stable/level ground and stacked not more than five boxes high, with no other material stacked on top. The rolls can be stored outdoors when packaged, but should be protected from exposure to UV. Shelf life is anticipated to be a minimum of 5 years when stored indoors and protected against frost and inclement weather conditions.

Installation

HYDROLOCK STRIP can be installed with adhesive primer (HYDROLOCK PASTE) or with the use of HYDROLOCK RAIL. When using fixing rail, it is recommended to attach the rail with steel nails/pins at a minimum centre spacing of 300mm.



Accessory Products

HYDROLOCK STRIP is an accessory product to HYDROLOCK to assist with jointing and sealing. Additional accessories include:

- HYDROLOCK PASTE
- HYDROLOCK GRANULES
- HYDROLOCK RAIL