

CRESSTOP HP is made of high performance modified rubber strips. Interaction between water and hydrophilic groups which are part of the **CRESSTOP HP** molecular structure results in swelling of rubber strips. When in contact with water **CRESSTOP HP** reacts and swells up to 300% of its original dimension to form a compression seal.

USES

CRESSTOP HP water bar is primarily used to seal concrete construction joints, foundation wall slabs, precast wall panels, slabs -on-grade, man-holes, pipe & steel work penetration through wall & slabs, construction joints in tunnel segments, box culverts and potable water structure etc. **CRESSTOP HP** is recommended in low movement construction joints.

ADVANTAGES

- Easy & Secure Application.
- Simple jointing techniques.
- Excellent elastic properties.
- Does not need hardening time.
- Sustain effective seal in wet conditions.
- Permanent water resistance, no leaching.
- Non-polluting, ecological and user friendly system.
- Remains unaffected by long term wet/dry cycling.
- Maintains actual shape after repeated expansion and contraction.
- Slow expansion rate to prevent damage to freshly placed concrete during curing.

INSTALLATION

When the substrate is uneven, **CRESSTOP HP** can be fastened in place using masonry nails at approx. 300mm center. Care should be taken to ensure that the substrate has sufficient strength to enable mechanical fixing to be securely driven without damaging the **CRESSTOP HP**. Alternatively, a groove can be cast in to concrete to facilitate application. **CRESSTOP HP** for use in most weather conditions but heavy rain and prolong immersion will cause premature swelling. Should this occur, it will be necessary to allow it to dry out or be dried with a hot air gun before concrete pouring takes place

PACKING

10 LM/Roll (20mm X 10mm)
1 box containing 10 Rolls



TECHNICAL PROPERTIES

Description	Value	Standard
Color	Blue	-
Thickness, mm	10-20	-
Width, mm	20	-
Shore A Hardness	40-50	-
Tensile Strength	20 Kg/cm ²	-
Elongation	>450%	-
Expansion Volume Rate	>300%	-
Service Temperature	-30°C to 50°C	-

All values given are subject to 5-10% tolerance.

STORAGE

Store in a clean dry area protected from direct sunlight and extreme heat and cold.

HEALTH AND SAFETY

Always use protective clothing, eye goggles and hand gloves when handling this product.

Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

Refer material safety data sheet (MSDS) for further information.