

Technical Datasheet

CHEMfix 18

Flexible PVC Water Stops

Description

Flexible PVC CHEMfix 18 water stops to seal construction & expansion joints in concrete structures. Versus types of CHEMfix 18 are available in different on their intended use.

Application Area

CHEMfix 18 are use to seal construction & expansion joints in water retaining structures such as Reservoirs, Water Towers, Dams, Spill ways, Canals, Swimming Pools, Sewerage Tanks etc. As well as to keep water out of concrete structures such as basements, underground car parking, Tunnels, Sub ways, Retaining walls etc.

Standards Compliance

CHEMfix 18 meets the followings specifications & standards. BS 2571-1963
ASTM D 2440

Application instruction method of fixing/jointing:

CHEMfix 18 are made from PVC and therefore can be welded at the joints. They are welded by using heating blades while holding in proper clamping jigs. They are installed with the help of wires to reinforcement by means of eyelet provided in the edges flanges. Water stops can be placed on concrete surface or on shuttering through the eyelet.

CHEMfix 18 water stops are easy to cut or connect and can be applied to all points including level joints, vertical joints etc.

Cutting

CHEMfix 18 water stops are quite long and can be cut easily as per requirement with an ordinary sharp knife, saw or other sharp tools.

TECHNICAL INFORMATION

Type Poly Vinyl Chloride

Color Blue/Black
Service Temp -20C to 50C

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Tensile Strength 14.00N/M

Specific Gravity 1.37

Modulus of Rigidity 855Psi at 106C

73.65Mpa at 200C

Full stretch break out 12.92 Mpa

intensity

Elongation 290%

Hardness (shore A) 75 at 25C

Chemical resistance It can resistance attack

of alkali, acid, kerosene

oil and ethanol

Welding temperature 200C

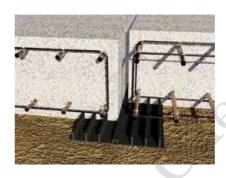
Melting Method

This method is applied to the connection of straight lines. The time required for the connections is three to four minutes. First sections of two water stops intended to be connected are pressed against heated iron sheet and when they are melted, the two combined. After joining, they must be cooled.



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Welding Method

This method is applied to all connections works as **T type**, cross type, **L type**, and so on. The time required for connection is about fifteen minutes. Welding rods of same material as the **CHEMfix 18** water stops is heated and melted at the same time with the help of hot air gun.

Packing

CHEMfix 18 is supplied in 100 Rft Rolls.

Storage

Shelf life is 12 month unopened pack stored below 35C in a shaded environment. If stored at high temperature the shelf life will be reduced.

Technical support

CHEMfix 18 offers technical support service to end users and contractors, as well as on site technical assistance.

Precautions health and safety

CHEMfix 18 water stops contain PVC material. It has a possible risk of flame.