

# 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.

## 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.

## TECHNICAL INFORMATION

Type	Poly Vinyl Chloride
Color	Blue/Black
Service Temp	-20C to 50C
Tensile Strength	14.00N/M
Specific Gravity	1.37
Modulus of Rigidity	855Psi at 106C 73.65Mpa at 200C
Full stretch break out intensity	12.92 Mpa
Elongation	290%
Hardness (shore A)	75 at 25C
Chemical resistance	It can resistance attack of alkali, acid, kerosene oil and ethanol
Welding temperature	200C



### **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.