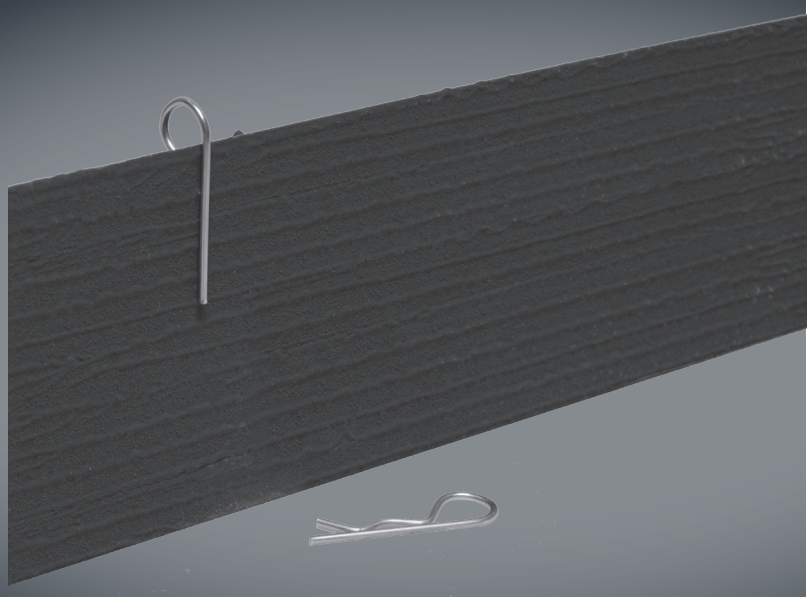
TECHNICAL DATA SHEET

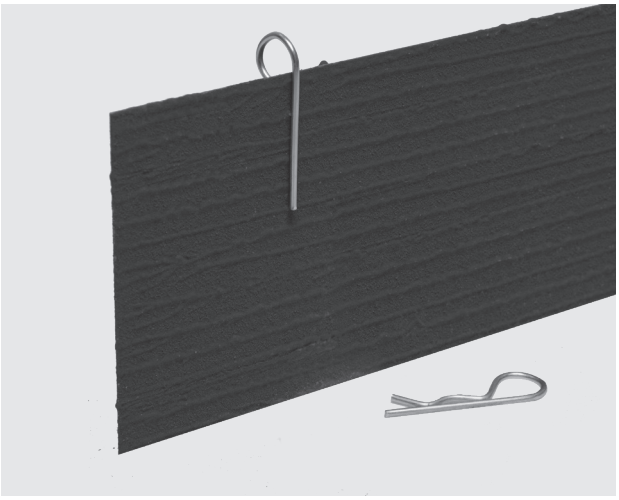
CEMFLEX VB



Active Metal Waterstop

PREMCRETE

CEMFLEX VB





TYPE B
WATERSTOP SYSTEM

WATER RESISTANT

UK CA
UK CONFORMITY

25 YEARS
PRODUCT WARRANTY

BBA
BBA CERTIFICATE

DESCRIPTION

CEMFLEX VB comprises of a galvanized steel plate which is encapsulated with a unique coating that will react with the cement in the concrete to seal construction joints in reinforced concrete. When fresh concrete is placed around CEMFLEX VB the alkalinity of the concrete activates the coating causing it to activate and crystallise to gain an intimate, active bond with the concrete. Once the concrete is hardened around the waterstop the crystalline coating will remain active for the lifespan of the structure.

USES

CEMFLEX VB is used to provide an integral seal in both horizontal and vertical construction joints in concrete. It is particularly suitable for sealing kicker joints in reinforced concrete wall construction. It may be used in areas where it is not possible to protect a hydrophilic waterstop from encountering water before it is encased in concrete.

TECHNICAL & PERFORMANCE PROPERTIES

Property	Test Method	Value
Dimensions	N/A	150mm x 1.25mm
Installation temperature	N/A	-10^{0}C up to 40^{0}C
Resistance to water pressure	BSEN1992-3:2006	Tested to resist 5 bar
Colour	N/A	Black

CEMFLEX VB

INSTALLATION PROCEDURE

CEMFLEX VB is a pliable metal waterstop which may be easily shaped by hand to the desired profile. It should be cut using a suitable saw for cutting metal. The waterstop should be tied to the reinforcement prior to the concrete pour or by using CEMFLEX OMEGA HOLDERS ensuring that 30mm of the plate is embedded into the first pour of concrete.

Adjacent lengths of the waterstop should be overlapped by a minimum of 150mm and the laps should be held together using CEMFLEX CLIPS. A minimum of two clips should be used to secure each lap. It is important to ensure that concrete placed around the waterstop is thoroughly compacted.

PACKAGING & COVERAGE

Length

2m. 50 lengths per box.

STORAGE & SHELF LIFE

CEMFLEX VB should be stored in original packaging in cool dry conditions which are free from frost.

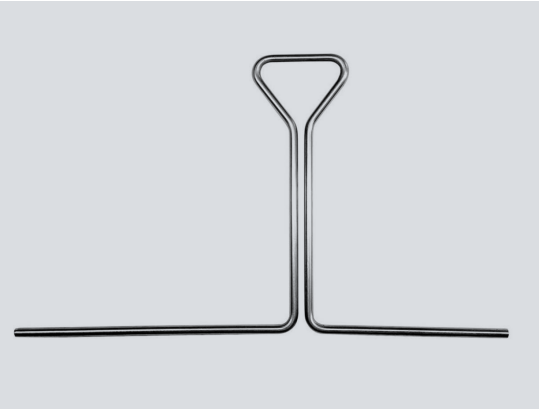
HEALTH & SAFETY

See separate Material Safety Data Sheet.

ANCILLARY PRODUCTS



CEMFLEX VB CLIPS
TUB OF 50



CEMFLEX OMEGA HOLDERS
PACK OF 100

BBA APPROVAL INSPECTION TESTING CERTIFICATION 17/5412

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PREMCRETE