



MANORTEQ

Completing the Waterproofing

WaterBar Rigid CI

TECHNICAL DATA SHEET

Crack Inducing Metal Element for Contraction Joints

Description

- WaterBar Rigid CI is a metal 'cross-shaped' element that assists in inducing cracks in reinforced concrete slabs and walls.
- The element can be coated with either a bentonite layer or a bituminous layer, where waterproofing is required.
- WaterBar Rigid CI is not self-supporting.

Storage

- All products should be stored, in their original sealed packaging, in a dry environment and away from direct heat. Keep covered and away from possible damage or premature contact with water.
- Shelf life is 12 months from date of manufacture.

Installation

Slab

- Place the WaterBar Rigid CI on the lower reinforced steel mat of rebar, with the bitumen / bentonite treated element facing the positive side of pressure at spacings as required.
- Securely fix to the upper and lower steel reinforcement mat using tie / binding wire or other appropriate methods.
- Slide the next WaterBar Rigid CI to interlock with the first and press the bitumen or bentonite on to the upper horizontal steel face to create a bond.
- Continue until the edge of the pre-determined pour.
- Place a "crack inducing fillet" at the finished surface if required.
- Pour concrete.





Wall

- Place the WaterBar Rigid CI between the 2 mats of reinforcement with the bitumen or bentonite facing the positive side of the water pressure.
- Securely fix the vertical element to the rebar using tie / binding wire or other appropriate methods.
- Slide the next WaterBar Rigid CI to interlock with the first and press the bitumen or bentonite on to the vertical horizontal steel face to create a bond.
- Continue until the end of the pre-determined pour.
- Place a "crack inducing fillet" at the finished surface if required.
- Pour concrete.

Please note:

1. The WaterBar Rigid CI must connect to the WaterBar Rigid CJ & WaterBar Rigid KJ, depending on the position of the induced crack.
2. All waterproofing jointing elements (regardless of whether they are active, static or a combination) must connect to create a complete sealed system.

Please refer to your Manorteq representative for more information.



Warranty

Manorteq Limited (Company No. 13817118) warrants to the purchaser that the products supplied by it shall be free from material defect. Should any of the products be proven defective, the liability to Manorteq Limited shall be limited to (at the choice of Manorteq Limited) either replacement of the proven defective products ex-factory, or refund of the NETT ex-factory purchase price at the date the proven defective products were supplied. Manorteq Limited will not be liable or responsible, to such an extent as permitted by law, for any consequential or direct damages, compensation, costs, expenses, losses or other liabilities that may occur as a result of the defective products. Manorteq Limited makes no warranty as to the merchantability or fitness for a particular purpose and the terms of this warranty are in lieu of all other warranties expressed or implied by law.

Please note: This Technical Data Sheet is for general guidance only. It does not constitute as a detailed guide for a specific application. Due to the unique circumstances of every site, each installation must be assessed on a project-by-project basis as there may be many variables to consider. Independent professional advice should be sought on each installation. The information contained within this Technical Data Sheet is to the best of Manorteq Limited's knowledge and belief, accurate and reliable of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness.

