

# Method statement for application of BC fix tapes



## Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement

Protective clothing : Protective overalls
Good quality gloves, goggles and face mask
Application equipment : Cutter, Broom, Roller

### Section B : Application Method

#### 1.0 Surface Preparation

1.1 Clean all concrete surfaces free of laitence, dust, dirt, cavities, projecting nibs etc.

1.2 Make sure that the surface is dry and smooth.

1.3 Angle Fillet should be applied to all Wall/Floor slab junctions.

1.4 Internal and External corners of walls and upstands should be reinforced with Detail Strip and corner pieces.

#### 2.0 Priming

2.1 All vertical surfaces, shall be coated with BC Epoxy Primer.349

2.2 If left for more than 24 hours, the surface should be re-primed before proceeding with application of the membrane.

#### 3.0 Application - horizontal

The area of BC Fix tapes laid in a working day should not exceed that which can be effectively protected (see below, section 8.0) in the same working period, in order to ensure that the membrane is not subjected to site traffic.

3.1 Lay out the first complete roll of BC Fix tapes and align with a chalk line set out on the floor.

3.2 Unroll one roll half way along the membrane to maintain alignment, without removing the release paper. Roll back the spread out membrane to the mid point.

3.3 Carefully make a cut across the release paper only of the rolled up BC Fix tapes. Take care not to cut through the membrane.

3.4 Ease the release paper away from the bitumen compound and start to unwind the roll by a steady pull on the release paper.

3.5 As the roll unwinds, press the BC Fix tapes firmly onto the surface using a broom, working from the centre outwards to expel all trapped air.

3.6 Repeat this process with the second half of the roll.

3.7 The next roll or length should be aligned against the previously applied piece allowing for the 75mm minimum (or as specified) edge lap and 150 mm end lap.

3.8 All edges and laps should be rolled to ensure proper contact and bond of the laps. All overlaps on vertical and sloping surfaces must be weathered.

#### 4.0 Application – vertical

The area of BC Fix tapes laid in a working day should not exceed that which can be effectively protected (see below, section 7.0) in the same working period, in order to ensure that the membrane

is not subjected to site traffic.

4.1 BC Fix tapes should be applied to ensure that all end laps are weathered.

4.2 Cut BC Fix tapes to length allowing an extra 150 mm for each end lap.

4.3 Starting at the top of the wall, offer up the BC Fix tapes to the primed surface. Remove the release paper from the start of the piece. Progressively peel back the release paper and press the membrane firmly into position working from the centre outwards to expel all trapped air.

4.4 To obtain a weathered lap it may be necessary to retain the last 500 mm of release paper on the piece. Only when the drop or corner detail is being completed, remove this remaining piece of release paper and smooth down the underlying BC Fix tapes.

4.5 The next roll or length should be aligned against the previously applied piece allowing for the 75mm minimum (or as specified) edge lap and 150mm end lap. The selvedge release film should only be removed immediately prior to the lap being made.

#### 5.0 Termination Details

5.1 Where BC Fix tapes is to be terminated (e.g. at the top of a wall) a 20 mm x 20 mm chase should be provided. The membrane should then be dressed into the chase and pointed immediately with appropriate sealants

## 6.0 Penetration Points

6.1 Where a penetration needs to be made in the BC Fix tapes (e.g. for pipe entry) on a retaining wall application, Top Hats should be applied, in accordance with BCI recommendations. For non- standard penetration details or for other locations such as a concrete deck contact BCI for project specific advice.

## 7.0 Protection and Repairs

7.1 Damaged areas of BC Fix tapes must be repaired with a minimum 300mm x 300mm patch to ensure that there is at least 150mm overlap of BC Fix tapes all around the damaged area.

7.2 If work is continued from one day to the next, all exposed edges must be sealed by rolling, to prevent water penetration.

7.3 All installed areas of BC Fix tapes should be protected as soon as possible after application with BC XPS Protection Board.