

J40 FLEXIBLE SHEET TANKING/DAMP PROOFING

To be read with Preliminaries/General conditions.

TYPE(S) OF TANKING/ DAMP PROOFING

- 120 POLYETHYLENE DAMP PROOF MEMBRANE:
–Manufacturer and reference: Visqueen or other to approval.
Thickness/gauge: 1200.
–Lay sheets neatly and tuck well into angles to prevent bridging and creasing.
–Joint sheets with continuous strips of mastic between overlaps of not less than 150 mm and seal with tape along the edge of the upper sheet, leaving no gaps. Ensure that sheets are clean and dry at time of jointing. Use mastic and tape recommended for the purpose by sheet manufacturer.
–If sheets cannot be kept dry, double welted joints may be used provided they are temporarily weighted to hold the folds in position prior to laying concrete.
–Form folded welts at corners in upstands.
- 181 SELF-ADHESIVE BITUMEN DPM/TANKING TO GROUND FLOOR CAVITY WALL
Locations: Ground Floor Wall.
- Manufacturer and reference: 'FOSROC' Proofex 3000, High performance self adhesive waterproof membrane or similar approved.
- Primer: Proofex primer; as clause 330.
- Number of layers: One.
- Laps: Not less than recommended by sheet manufacturer.
- Bonding: Apply sheets adhesive side down, smoothing out to exclude air. Roll laps to ensure good adhesion between sheets.
Angles & corner details to be installed strictly in accordance with FOSROC recommendations.

WORKMANSHIP

- 310 WORKMANSHIP GENERALLY:
– Apply materials carefully to provide a completely impervious, continuous membrane.
– Ensure that surfaces to be covered are clean, dry, smooth and free from voids, sharp protrusions and frost.
– Protect finished sheeting adequately to prevent puncturing during following work.
- Cover sheeting with permanent overlying construction as soon as possible. Immediately prior to covering check for damage and repair as necessary.
- 320 INSPECTION: Inform CA a reasonable length of time before covering any part of membrane with overlying construction, to allow inspection.
- 330 PRIMER(S): Type(s) and application recommended for the purpose by the sheet manufacturer. Allow to dry thoroughly before covering.

350 ANGLES IN BONDED DAMP PROOF MEMBRANE / TANKING

- Preformed rot proof fillet to internal angles:
- Size (minimum): 50 x 50 mm
- Bedding: Bitumen mastic or bonding compound.
- Reinforcing strip to all angles:
- Material: As damp proofing membrane.
- Width (minimum): 300 mm.
- Timing: Apply before main sheeting.
- Dressing of main sheeting onto adjacent surfaces (minimum): 100mm.

360 JUNCTIONS WITH DPCS/CAVITY TRAYS:

- Identify position of adjoining damp proof courses and expose to view where concealed.
- Thoroughly clean away all mortar, debris and dirt from vicinity of dpcs, including any projecting portions of dpcs.
- Dpcs which project from the wall: Fully lap and fully bond/seal sheeting to dpc projection using adhesive tape recommended by the manufacturer
- Dpcs which do not project from the wall: Lay DPM while DPC is still uncovered. Extend sheeting 50 mm past dpc and lap onto DPC. Bond to DPC using adhesive tape recommended by the manufacturer.

370 PIPES, DUCTS, CABLES, ETC: Where these pass through sheeting, make junctions completely impervious using preformed collars fully bonded/sealed to both pipes and sheeting. Collar type(s) recommended for the purpose by the sheet manufacturer.