J40 FLEXIBLE SHEET TANKING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 TYPES OF TANKING / DAMP PROOFING

J40/180 SELF - ADHESIVE BITUMEN GAS RETARDANT DAMP PROOFING / TANKING

* Substrate : …………………

- Primer : Required for vertical or inclined surfaces - As Clause 335.

 - Manufacturer : RIW Ltd, 487/488 Ipswich Road, Slough, Berkshire SL1 4EQ

 Tel : +44 1753 944200

 E-mail : technical@riw.co.uk

 Web : [www.riw.co.uk](http://www.riw.co.uk)

 - Product reference : RIW Sheetseal GR.

* Number of layers : One.
* Thickness / Gauge : 1.5mm ( applied ).
* Bonding : Full. Smooth out to exclude air.
* Joints :

- Surfaces to be joined : Clean and dry beyond full width of joint.

 - Laps ( minimum ) :150mm.

 - Sealing : Roll to fully adhere.

* Accessories : Not required

 **WORKMANSHIP**

J40/310 WORKMANSHIP GENERALLY

* Condition of substrate :

 - Clean and even textured, free from voids and sharp protrusions.

 - Moisture content : Compatible with damp proofing / tanking.

* Air and surface temperature : Do not apply sheets if below minimum recommended by membrane manufacturer.
* Condition of membrane at completion :

 - Neat, smooth and fully supported, dressed well into abutments and around intrusions.

 - Completely impervious and continuous.

 - Undamaged. Prevent puncturing during following work.

* Permanent overlying construction : Cover membrane as soon as possible.

J40/320 INSPECTION

* Give notice : Before covering any part of membrane with overlying construction.

J40/335 PRIMERS

 - Manufacturer : RIW Ltd, 487/488 Ipswich Road, Slough, Berkshire SL1 4EQ

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 - Product reference : RIW Sheetseal Primer.

* Coverage per coat ( minimum ) : 8m² / litre
* Curing : Allow to dry thoroughly before covering.

J40/350A ANGLES IN BONDED DAMP PROOFING / TANKING

* Fit internal angles with a sand / cement fillet, not less than 40 x 40mm, unless noted otherwise.
* Reinforcing strip to all angles:

 - Material : As damp proofing / tanking.

 - Width ( minimum ) : 300mm.

 - Timing : Apply before main sheeting.

* Dressing of main sheeting onto adjacent surfaces ( minimum ) : 150mm.

J40/360 JUNCTIONS WITH PROJECTING DPC’S / CAVITY TRAYS

* Adjoining surfaces : Clean and dry.
* DPC’s / cavity trays : Lap and fully bond / seal with sheeting.

 - Laps ( minimum ) : …………………

 - Bonding / Sealing : …………………

J40/380A PROTECTION BOARDS FOR DAMP PROOFING / TANKING

 - Manufacturer : RIW Ltd, 487/488 Ipswich Road, Slough, Berkshire SL1 4EQ

 Tel : +44 1753 944200

 E-mail : technical@riw.co.uk

 Web : [www.riw.co.uk](http://www.riw.co.uk)

 - Product reference : RIW Protection Board

* Thickness : 3mm
* Application :

 - Membrane surface : Clean and free from contaminants.

- Bonding : RIW Adhesive Tape.

 - Board joints : Butted together.

 - Board contact with membrane : Secure and continuous.

* Backfilling : Carry out as soon as possible after membrane and protection are complete.

*or*

* See Clause 295.