J40 FLEXIBLE SHEET TANKING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 TYPES OF TANKING / DAMP PROOFING

J40/190 SELF - ADHESIVE BITUMEN DAMP PROOFING / TANKING

* Substrate : …………………

 - Primer : Required to 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 226.

* 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 ) : 50mm, side and 100mm end / cut rolls.

 - 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 sheet 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 PROOF MEMBRANE / TANKING

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

 - Material : As damp proofing / tanking.

 - Width ( minimum ) : 300 mm.

 - Timing : Apply before main sheeting.

* Dressing of main sheeting onto adjacent surfaces (minimum) : 100 mm.

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 ) : 75mm.

 - Bonding / Sealing : RIW Sheetseal 226 x 150mm wide.

J40/370A PIPES, DUCTS, CABLES, ETC

* Where these pass through sheeting, make junctions completely impervious using RIW Sheetseal 226 in accordance with the data sheet for the product.

J40/380 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, full and continuous.

* Backfilling :

*or*

* See Clause 295.