J40 FLEXIBLE SHEET WATERPROOFING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 TYPES OF TANKING / DAMP PROOFING

J40/290 HIGH DENSITY POLYETHYLENE / POLYPROPYLENE STUDDED CAVITY DRAIN MEMBRANE

* Substrate : …………………

 - Preparation : In accordance with manufacturer’s recommendations.

* Manufacturer : RIW Limited, ARC House, Terrace Road South, Binfield, RG42 4PZ.

 Tel : 01344 397777 Fax : 01344 862010

 E-mail : technical@riw.co.uk Web : [www.riw.co.uk](http://www.riw.co.uk)

 - Product reference : RIW Cavity Drain R20

* Stud height : 20mm.
* Colour : Black
* Fixing : Vertical surfaces only, fixed through studs.
* Fasteners : RIW Brick Plugs.

 - Fixing centres :1000mm maximum, staggered.

 - Sealing : RIW Sealing Rope around RIW Brick Plugs before insertion.

* Joints : Minimum overlap ; 100mm. – ie ; 2 No studs.

 - Sealing : RIW Sealing Rope, placed along the flat area between the two studs

 - Drainage components : See Clauses 382 and 388. Control Panels & Alarms available.

* Accessories : See product data sheet.

 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.

J40/360 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 ) : 150mm.
* Bonding / Sealing : RIW Overtape.

J40/370 A PIPES, DUCTS, CABLES, ETC :

* Where these pass through sheeting, make junctions completely impervious, following details as recommended for the purpose by the sheet manufacturer.

J40/382 CAVITY DRAINAGE CHANNELS

* Manufacturer : RIW Limited, ARC House, Terrace Road South, Binfield, RG42 4PZ.

 Tel : 01344 397777 Fax : 01344 862010

 E-mail : technical@riw.co.uk Web : [www.riw.co.uk](http://www.riw.co.uk)

 - Product reference : RIW Aqua Channel

J40/388 CAVITY DRAINAGE SUMPS WITH INTEGRAL PUMPS

* Manufacturer : RIW Limited, ARC House, Terrace Road South, Binfield, RG42 4PZ.

 Tel : 01344 397777 Fax : 01344 862010

 E-mail : technical@riw.co.uk Web : [www.riw.co.uk](http://www.riw.co.uk)

 - Product reference : RIW Aqua Pump Pro + Battery back-up system

 - Type : Manufacturer’s standard.

 - Flow rate : Manufacturer’s standard.

 - Pumping head (minimum) : Manufacturer’s standard.

 - Discharge pipe size : Manufacturer’s standard.

or

 - Product reference : RIW Aqua Pump Pro plus

 - Type : Manufacturer’s standard.

 - Flow rate : Manufacturer’s standard.

 - Pumping head (minimum) : Manufacturer’s standard.

 - Discharge pipe size : Manufacturer’s standard.

or

 - Product reference : RIW Aqua Pump Pro

 - Type : Manufacturer’s standard.

 - Flow rate : Manufacturer’s standard.

 - Pumping head (minimum) : Manufacturer’s standard.

 - Discharge pipe size : Manufacturer’s standard.