J30 LIQUID APPLIED TANKING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 **TYPES OF TANKING / DAMP PROOFING**

J30/110 COLD APPLIED TANKING

 - Substrate : …………………

 - Primer : Not required.

 - Coating : Bitumen solution.

 - 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 Heviseal.

 - Application : Number of coats : Two (2).

 Coverage per coat (minimum) : 1.5m² / litre.

 - Reinforcement : 150mm x 0.13mm bitumen coated glass fibre fabric.

 EXECUTION

J30/205 A SUITABILITY OF SUBSTRATE

 - Substrates generally :

 - Smooth, even textured, clean, dry and frost free.

 - Within tolerances for level and surface regularity.

 - Vertical and horizontal surfaces : Correctly prepared and free from irregularities.

 - Moisture content and stability of substrate : Must not impair integrity of finished tanking / damp proofing.

 - Preliminary work : Complete including :

 - Chases.

 - External angles.

 - Formation of upstands and kerbs.

 - Movement joints.

 - Penetrations / Outlets.

J30/210 COATING APPLICATION

 - Adjacent surfaces exposed to view in finished work : Protect.

 - Coatings :

* Apply in dry atmospheric conditions when substrate is dry.
* Uniform, continuous coverage. Do not allow to pool in hollows.

 - Firmly adhered to substrate and free from imperfections.

 - Prevent damage to finished coatings.

 - Penetrations: Impervious.

 - Final covering: Apply as soon as possible after coating has hardened.

J30/220 COLD APPLIED COATINGS

 - Thinning : Not permitted unless recommended by manufacturer.

 - Successive coats :

 - Allow to dry before applying next.

 - Apply at right angles to previous.

J30/230 BITUMINOUS COATINGS

 - Air and surface temperatures (minimum) : 5°C.

 - Weather conditions : Do not apply if there is a risk of rain during application and drying, unless effective temporary cover is provided over working area.

 - Unavoidable wetting of construction or coatings : Minimize and make good damage.

J30/240 REINFORCEMENT

 - Laying : Laid into second coat, with third coat applied locally over fabric.

 - Edge overlap (minimum) : 75mm either side of joint.

 - Finish : Smooth and free from imperfections.

 COMPLETION

J30/330 PROTECTION OF COATINGS

 - Coated surface : Clean and free from contaminants.

 - 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 Double Drain

 - Thickness : 8mm.

 - Placement : Bond to membrane with RIW Adhesive Tape.

 - Edge overlap (minimum) : 70mm.

* Perimeter treatment : Seal with geotextile fabric to prevent silt entering the core.

 - Contact with coating : Secure and continuous.

*or*

 - Product reference : RIW Protection Board.

 - Thickness : 3mm.

 - Surface : Clean and free from contaminants.

 - Placement : Bond to membrane with RIW Adhesive Tape.

 - Edge overlap (minimum) : Not required.

 - Perimeter treatment : Butt joint.

 - Contact with coating : Secure and continuous.

J30/340 BACKFILLING TO EXTERNAL COATINGS

 - Timing : Carry out as soon as possible after tanking and protection are complete.