J30 LIQUID APPLIED TANKING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 **TYPES OF TANKING / DAMP PROOFING**

J30/110A COLD APPLIED TANKING & GAS PROOFING

 - Substrate : …………………

 - Primer : Not required.

 - Coating : Styrene butadiene co-polymer

 - 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 Liquid GM (to be read in conjunction with data sheet).

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

 Coverage per coat (min) : 1 kg / m² – 1st coat, 1 kg / m² – 2nd coat.

 - Reinforcement : RIW Sheetseal GR x 300mm wide minimum.

 - Blinding : Not required.

 EXECUTION

J30/205A SUITABILITY OF SUBSTRATE

 - Substrates generally :

 - Smooth, even textured, clean, 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.
* 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.

J30/230A ELASTOMERIC LIQUID RUBBER COATING

 - Dry surfaces : Lightly dampen

 - 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 coating : Minimize and make good damage.

J30/240 REINFORCEMENT

 - Laying : When RIW Liquid GM is dry.

 - Edge overlap (minimum) : 150mm either side of joint.

 - Finish : Smooth and free from imperfections.

 COMPLETION

J30/330 PROTECTION OF COATINGS

 - Coated surface : Clean and free from contaminants.

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 - Product reference : 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 : Secure. Full and continuous with coating.

*or*

 - Product reference : RIW Protection Board.

 - Thickness : 3mm.

 - Placement : Bond to membrane with RIW Adhesive Tape.

 - Edge overlap (minimum) : Not required.

 - Perimeter treatment : Butt joint.

 - Contact : Secure. Full and continuous with coating.

340 BACKFILLING

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