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](mailto: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.

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- 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.