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 : RIW Flexiseal Pro Primer ; two-pack

- Application : Number of coats : 1 No. minimum – see Clause 207 below

Coverage per coat ( minimum ) : 4m² / litre.

- Coating : Polymer modified epoxy

- 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 Flexiseal Pro ; two-pack

- Application : Number of coats : 1 No. Horizontally - 2 No. Vertically

Coverage per coat (minimum) : 1m² / kg - Horizontal

2m2 / kg - Vertically

- Reinforcement : Not required.

or

- Reinforcement : Embed Flexiseal Pro Scrim between two layers of Flexiseal Pro, laid wet on wet, where required / specified.

**EXECUTION**

J30/205 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.

J30/207 PRIMERS

* Application : Uniform, continuous coverage.
* Apply 2nd coat, when applied onto very porous surfaces.

J30/210 COATING APPLICATION

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

- Coatings :

- Apply in dry atmospheric conditions when primer is tacky. Allow to dry when used on bituminous surfaces.

- 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.

J30/235 MODIFIED COATINGS

- Air and surface temperatures : Do not apply if below minimum recommended by coating manufacturer.

- Curing : Keep dry until fully cured.

**COMPLETION**

J30/330 PROTECTION OF COATINGS

- Coated surface : Clean and free from contaminants.

- Manufacturer : RIW Ltd, 487/488 Ipswich Road, Slough, Berkshire SL1 4EQ

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- Product reference : RIW Double Drain

- Thickness : 8mm.

- Placement : Immediately prior to covering. Provide support as necessary.

- Edges : 70mm minimum overlap.

- 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.

- Placement : Immediately prior to covering. Provide support as necessary.

- Edges : Butt jointed and taped.

- Perimeter treatment : Not required.

- 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.