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

 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

 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 : 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.