J30 LIQUID APPLIED TANKING / DAMP PROOFING

 To be read with Preliminaries / General conditions.

 **TYPES OF TANKING / DAMP PROOFING**

J30/130 COLD APPLIED DAMP PROOFING

 - Substrate : …………………

 - Primer : Not required.

 - Coating : Modified epoxide coating.

 - 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 Toughseal.

 - Application : Number of coats : Two ( 2 )

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

 - Reinforcement : RIW Flexiseal Pro, in accordance with manufacturer’s recommendations.

*or where a tiled finish is to be used internally*

 - Reinforcement : RIW Toughseal Reinforcing Tape.

 - Blinding : Not required.

*or to provide* *‘key’ for finishes*

* Blinding: Course aggregate (a crushed, angular & dried aggregate graded to 0.9 t to 1.4mm or 1 to 3mm product size)*.*

*or to provide a wearing surface*

 - Blinding: Fine aggregate (a kiln dried silica or quartz sand graded to 0.5 to 1.0mm product size).

 EXECUTION

J30/205A 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.

206 ADHESION TESTING

 - Tensile bond strength : Test in accordance with BS EN ISO 4624.

 - Test results : Submit.

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.

235 MODIFIED COATINGS

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

 - Curing : Keep dry until fully cured.

J30/260 JUNCTIONS WITH DPC’s

 - DPC’s : Clean, all edges fully exposed.

* Application : Fully coat DPC, and overlap adjacent surfaces by 75mm minimum.

J30/270 BLINDING

 - Coatings : Blind whilst tacky.

 - Surplus material : Remove when coatings are completely dry.