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](mailto: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.