# J30 Liquid applied tanking/ damp proofing

### To be read with Preliminaries/General conditions

## TYPES OF TANKING/ DAMP PROOFING

### 110A COLD APPLIED TANKING Newton 106 FlexProof

* Substrate: Correctly prepared substrate of Concrete of at least 20kN, Concrete block walls with flush pointing, Screed, Metal, Plastics, Timber, Glass.
* Primer: Newton 916 FlexProof Primer.
* Manufacturer: © Newton Waterproofing Systems (a trading name of John Newton & Co. Ltd.)

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W: www.newtonwaterproofing.co.uk

* E: tech@newtonwaterproofing.co.uk.
	+ Product reference: 106.
	+ Application: Brush, Trowel or putty knife.
* Reinforcement: Newton FlexProof Scrim.

Accessories: Newton FoamStop, Newton 305 ActiveJoint

## EXECUTION

### 205A SUITABILITY OF SUBSTRATE

* Substrates generally:
	+ Smooth, even textured, clean, dry and frost free.
	+ Vertical and horizontal surfaces: Correctly prepared and free from irregularities. Surface porosity should be filled by bag/sack rubbing with a suitable bag/sack rubbing mix or dry sand & cement, Remove all snots and surface irregularities.
* Moisture content and stability of substrate: Must not impair integrity of finished tanking.
* Preliminary work:
	+ Internal changes in direction: Smoothed with a 45° smoothing fillet of at least 25mm x 25mm.
	+ Construction Joints: Bed Newton FlexProof Scrim into the still wet/tacky application of the Newton 106 FlexProof.
	+ Movement Joints: Positive side:Where slight contraction only is to be expected, the product is sufficient. Negative side: As construction joints above. Where an open joint exists, this should be designed to suit the extent of expected movement.

Penetrations/Outlets: Pipe or cable ducts should be reinforced with Newton 914-RT tape or a Newton PipeCollar bedded into 1mm of 109-LM.

### 260A JUNCTIONS WITH DPCS

* Provides UV stable finish

106 terminating at the cavity tray.

## COMPLETION

### 330A PROTECTION OF EXTERNAL COATINGS

* Coated surface: Clean and free from contaminants.
* Board manufacturer: © Newton Waterproofing Systems (a trading name of John Newton & Co. Ltd.)

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	+ Product reference: Newton 410 GeoDrain, Newton Fibran XPS 500-C.

### 340A BACKFILLING TO EXTERNAL COATINGS

* Timing: Carry out as soon as possible after tanking and protection are complete.

Newton 410 Geodrain: Graded stone placed in controlled layers no more than 600mm to prevent slump to the membrane.

Protection Board: Ensure that the soil is compacted every 600mm.

Casting fine aggregate onto the still tacky/wet membrane will protect the membrane against low level backfill of up to 600mm.