# J40 Flexible sheet waterproofing/ damp proofing

### To be read with Preliminaries/ General conditions.

## WORKMANSHIP SKILLS

* Operatives: Appropriately skilled and experienced for the type and quality of work.
* Newton 410 GeoDrain should be installed by those with an understanding of the requirement to waterproof the building element the product is applied to and the knowledge and training to use the product as part of a coordinated approach to the waterproofing of the structure, which in many cases will require further waterproofing products so as to achieve the required habitable grade as defined by BS 8102: 2009.
* Evidence: Newton 410 GeoDrain should be installed by those with an understanding of the requirement to waterproof the building element the product is applied to and the knowledge and training to use the product as part of a coordinated approach to the waterproofing of the structure, which in many cases will require further waterproofing products so as to achieve the required habitable grade as defined by BS 8102:2009.

### 43 MANUFACTURERS RECOMMENDATION/INSTRUCTION

* General: Newton 410 GeoDrain should be installed by those with an understanding of the requirement to waterproof the building element the product is applied to and the knowledge and training to use the product as part of a coordinated approach to the waterproofing of the structure, which in many cases will require further waterproofing products so as to achieve the required habitable grade as defined by BS 8102:2009.
* Changes to recommendations: Submit details
* Ancillary products and accessories: Use those supplied or recommended by Newton Waterproofing Systems

### 295A GEOCOMPOSITE STUDDED CAVITY DRAINAGE/PROTECTION MEMBRANE

* System reference: Newton Deckflex Solution

Manufacturer: Newton Waterproofing Systems.

* + Product reference: Newton 410 GeoDrain.
* Stud height: 9.6mm.
* Joints: Seal using waterseal tape along the flange edge.
* Ground floor termination: Newton geoprofile.
* Drainage: Land drain (sloping site only)

## WORKMANSHIP

### 310 WORKMANSHIP GENERALLY

* Condition of substrate:
  + Clean and even textured, free from voids and sharp protrusions.
  + Moisture content: Compatible with damp proofing/ tanking.
* Air and surface temperature: Do not apply sheets if below minimum recommended by membrane manufacturer.
* Condition of membrane at completion:
  + Neat, smooth and fully supported, dressed well into abutments and around intrusions.
  + Completely impervious and continuous.
  + Undamaged. Prevent puncturing during following work.
* Permanent overlying construction: Cover membrane as soon as possible.

### 380A PROTECTION BOARDS FOR DAMP PROOFING/ TANKING

* If graded stone is used, a protection board is not required but the stone should be placed in controlled layers of no more than 600mm so as to prevent slump to the membrane.
* If the removed soil is re-used, ensure that it does not contain sharp stones and ensure that the soil is compacted every 600mm. If sharp stones exist within the re-used soil a protection board will be required.