



**GP<sup>®</sup>**  
**TITANTANK<sup>®</sup>**

## Specification in NBS Format

### J40 flexible sheet waterproofing / damp proofing

To be read with Preliminaries/  
General conditions.

### TYPES OF TANKING/DAMP PROOFING

#### 190 SELF-ADHESIVE BITUMEN DAMP PROOFING/ TANKING

- Substrate: Sand blinding (below floor slab level 0) and concrete upstand dwarf walls.
  - Primer: Required to vertical or inclined surfaces - As Clause 335.
  - Manufacturer: JUTA UK LTD, Melton Grove Works, Church Road, Lytham, FY8 5PL.  
Tel: 01772 754177, E-mail: [technical@juta.co.uk](mailto:technical@juta.co.uk), Web: [www.juta.co.uk](http://www.juta.co.uk)
  - Product reference: GP<sup>®</sup> TITANTANK<sup>®</sup>.
  - Number of layers: One.
  - Thickness/Gauge: 1.6 mm (applied).
  - Bonding: smooth out to exclude air.
- Joints:
- Surfaces to be joined: Clean and dry beyond full width of joint.
  - Laps (minimum): 50 mm, side and 100 mm end/cut rolls.
  - Sealing: Roll to fully adhere, thermal joint where required.
- Accessories: GP<sup>®</sup> PRIMER.

### 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.

### 320 INSPECTION

- Give notice: Before covering any part of membrane with overlying construction.

### 335 PRIMERS

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  - Product reference: GP® Primer.
- Coverage per coat (minimum): 8 m<sup>2</sup> / litre.
- Curing: Allow to dry thoroughly before covering.

### 351 ANGLES IN BONDED DAMP PROOFING/ TANKING.

- Fit internal angles with a sand / cement fillet, not less than 40 x 40 mm, unless noted otherwise.
- Reinforcing strip to all angles:
  - Material: As damp proofing tanking.
  - Width (minimum): 300 mm.
  - Timing: Apply before main sheeting.
- Dressing of main sheeting onto adjacent surfaces (minimum): 100 mm.

### 371 PIPES, DUCTS, CABLES, ETC.

- Where these pass-through sheeting, follow details as recommended for the purpose by the sheet Manufacturer.

### 380 PROTECTION FOR DAMP PROOFING (OPTIONAL)

- Manufacturer: JUTA UK LTD, Melton Grove Works, Church Road, Lytham, FY8 5PL.  
Tel: 01772 754177, E-mail: [technical@juta.co.uk](mailto:technical@juta.co.uk), Web: [www.juta.co.uk](http://www.juta.co.uk)
  - Product reference: JUTA GP® PROTECTION BOARD (or equal and approved).
- Thickness: 3 mm.
- Application: Membrane surface clean and free from contaminants.
  - Bonding: GP® TAPE.
  - Board joints: Butted together.
  - Board contact with membrane: Secure and continuous.
- Backfilling: Carry out when tanking, loading and protection are complete.