



WP 5AM

Specification in NBS Format

**J40 flexible sheet
waterproofing / damp proofing
Pr_25_57_08_08 Bitumen sheets**

To be read with preliminaries/
general conditions.

TYPES OF TANKING/DAMP PROOFING

115 CONCRETE BLINDING TO HARDCORE BEDS

- Concrete: Designated GEN 1 or Standardised prescribed ST2.
- Thickness: 50 mm or as agreed with project engineer.

190 SELF-ADHESIVE BITUMEN DAMP PROOFING/ TANKING

- Substrate: Concrete blinding hardcore below slab/ concrete upstand dwarf walls/ slab edges/ flush pointed blockwork/ brickwork.
- 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, Web: www.juta.co.uk
- Product reference: WP SAM.
- Number of layers: One.
- Thickness/Gauge: 1.5 mm (applied).
- Bonding: Full. 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.
- Accessories: Not required.

286 HYDROPHILIC WATERSTOPS TO ALL INSITU CONCRETE JOINTS

- Manufacturer: JUTA - HYDROLOCK (or equal and approved)
E-mail: technical@juta.co.uk, Web: www.juta.co.uk
- Product reference: HYDROLOCK STRIP (or equal and approved).
- Accessories: HYDROLOCK RAIL (optional)
- Condition of concrete surface at tie of fixing: Clean and free from ponded or running water.
- Protection: prevent wetting of exposed sections of waterstop.



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

- Manufacturer: JUTA UK LTD, Melton Grove Works, Church Road, Lytham, FY8 5PL.
Tel: 01772 754177, E-mail: technical@juta.co.uk, Web: www.juta.co.uk
 - Product reference: GP® Primer.
- Coverage per coat (minimum): 8 m² / 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.

360 JUNCTIONS WITH PROJECTING DPCS/ CAVITY TRAYS

- Adjoining surfaces: Clean and dry.
- Dpcs/Cavity trays: Lap and fully bond/seal with sheeting.
 - Laps (minimum): 100 mm.
 - Bonding/Sealing: As main sheeting.

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, Web: 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.

OR

- See Clause 295.

295 GEOCOMPOSITE STUDDED CAVITY DRAINAGE/ VENTING MEMBRANE

- Substrate: Concrete retaining wall, or WP rigid insulation to retaining wall.
- Manufacturer: JUTA UK LTD, Melton Grove Works, Church Road, Lytham, FY8 5PL.
Tel: 01772 754177, E-mail: technical@juta.co.uk, Web: www.juta.co.uk
 - Product reference: JUTA PD1700.
- Stud height: 6 mm.
- Fixing: JUTA GP® TAPE, unless noted otherwise.
 - Fixing centres: 2000 mm maximum.
- Joints: Separate geotextile fabric from studded sheet, make overlapped joint and connect in accordance with manufacturer's recommendations.
- Exposed edges and corners: Seal with geotextile fabric to prevent silt entering the core.
- Accessories: optional GP® OVERTAPE.