



GP[®]1

Specification in NBS Format

**J40 Flexible sheet waterproofing
/damp proofing Uniclass Code:
Pr_25_57_65_60 Plastics sheets**

To be read with Preliminaries/
General conditions.

110 SOFT BLINDING TO HARDCORE BEDS

- Material: Soft sand.
 - Thickness (minimum): 25 mm.
- Finish on completion: Smooth, consolidated bed free of sharp projections.
 - Optional - use 300TT geotextile in place of soft sand blinding.

TYPES OF TANKING/DAMP PROOFING

140 LOOSE LAID POLYETHYLENE GAS RETARDANT DAMP PROOFING

- Substrate: Sand blinded hardcore/300TT geotextile.
- Standard: BBA Certificate No. 20/5728.
- 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[®]1.
- Number of layers: One.
- Thickness/Gauge: 0.6 mm.
- Bonding: as per manufacturer's standard details.
- Joints: as per manufacturer's standard.
 - Surfaces to be joined: Clean and dry beyond full width of joint.
 - Laps (minimum): 100 mm.
 - Sealing: Optimal – thermal jointing on 50 mm overlap.
 - Optional - GP[®] TAPE between overlaps, edge of top sheet sealed with GP[®] Lap Tape.
- Accessories: As required, as per manufacturer's recommendations and installation guidance manual.



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.
- Specific requirements – Where ground gas a consideration, specialist installer recommended – NVQ level 2 gas membrane installation or TWI/CSWIP accreditation for plastic welding.

320 INSPECTION

- Give notice: Before covering any part of membrane with overlying construction.
- Specific requirements – Where ground gas a consideration, independent validation/verification required in accordance with C735.

360 JUNCTIONS WITH PROJECTING DPCS/CAVITY TRAYS

- Adjoining surfaces: Clean and dry.
- Dpcs/Cavity trays: Lap and fully bond/seal with sheeting.
 - Surfaces to be joined: Clean and dry beyond full width of joint.
 - 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
- Thickness: 1.25 mm.
- Application: Membrane surface clean and free from contaminants.
 - Bonding: Lap and lay.