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PRODUCT DATA SHEET

Materials	Monarflex CO2 Membrane
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J40 FLEXIBLE SHEET TANKING/DAMP PROOF MEMBRANE

To be read with Preliminaries/General conditions.

145 WELDABLE POLYETHYLENE GAS RETARDANT/DAMP PROOF MEMBRANE

Manufacturer:	Monarflex Geomembranes, PO Box 6318, Leighton Buzzard, LU7 9HH Tel: 08444 123 175	
Thickness: 0.5mm	Gauge: 2000 gauge	Weight: 465 gsm

- Lay sheets neatly and tuck well into angles to prevent bridging and creasing.
- Join sheets by Monarflex extrusion welding system with laps of no less than 150 mm.
- Form internal and external corners using Monarseal Self Adhesive Gas Membrane to Monarflex Geomembranes Ltd standard work details.
- All pipe and duct penetrations to be sealed using RAC 0.9mm Preformed Top Hats complete with stainless steel jubilee clips.
- All steel columns, concrete penetrations etc to be sealed, using Monarseal Self Adhesive Gas Membrane, to Monarflex Geomembranes Ltd standard working details.
- All materials to be installed by Monarflex Geomembranes Ltd to ISO 9001.2000.

180 SELF-ADHESIVE BITUMEN GAS RETARDANT/DAMP PROOF MEMBRANE/ TANKING

- Manufacturer and reference: Monarseal Self Adhesive Gas Membrane
- Primer: As clause 330
- Number of layers: One
- Laps: No less than as recommended by sheet manufacturer
- Bonding: Apply sheets adhesive side down, smoothing out to exclude air. Roll laps to ensure good adhesion between sheets.

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PRODUCT DATA SHEET

310 WORKMANSHIP GENERALLY

- Apply materials carefully to provide a completely impervious, continuous membrane.
- Ensure that surfaces to be covered are clean, dry, smooth and free from voids, sharp protrusions and frost.
- Protect finished sheeting adequately to prevent puncturing during following work.
- Cover sheeting with permanent overlying construction as soon as possible. Immediately prior to covering check for damage and repair as necessary.

320 INSPECTION

Inform CA a reasonable length of time before covering any part of membrane with overlying construction, to allow inspection.

330 PRIMER(S)

Type(s) recommended for the purpose by the sheet manufacturer. Apply by mopping, brushing or spraying to achieve an even and full cover of the surface. Allow to dry thoroughly before covering.

345 COLD APPLIED BONDING COMPOUNDS

- Type and application: As recommended for the purpose by the membrane manufacturer.

360 JUNCTIONS WITH PROJECTING DPCS/ CAVITY TRAYS

- Condition of adjoining surfaces: Clean and dry.
- Projecting dpcs/ cavity trays: Lap and fully bond/ seal with sheeting.
 - Laps (minimum): 150 mm.
 - Bonding/ Sealing: Monobond LT Tape

365 JUNCTIONS WITH FLUSH DPCS/ CAVITY TRAYS

- Preparation of adjacent dpcs/ cavity trays:
 - Expose edge where concealed.
 - Adjoining surfaces: Clean and dry.
- Joints: Bond/ seal sheeting to wall.
 - Dressing of sheeting beyond dpc/ cavity tray (minimum): 50 mm.
 - Bonding/ Sealing: Monobond LT Tape

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PRODUCT DATA SHEET

370 PIPES, DUCTS, CABLES, ETC

- Preformed collars: Recommended for the purpose by membrane manufacturer .
 - Sealing: Fully bond to penetrations and sheeting.
- Completed junctions: Impervious.