

J40 waterproofing

- 130 ALDERPRUFE GRA loose laid gas barrier membrane, by ALDERBURGH LTD, with 20 micron pure aluminium foil substrate, multi-filament polyester 20mm scrim grid, between two layers of polyethylene. Tensile strength 10.5 kN/m, methane gas permeability 0.0325cc/m²/h.
Roll size: 2m x 50m
Layers: One
Joints: Minimum 100mm, fully sealed with Alderseal Gastite Jointing Compound, or fusion welded.
Protection: 3mm or 6mm Backerboard, or Geotex 300PP if needed
Alderburgh Ltd, Tel 01706 374416, Fax: 01706 376785
- 131 ALDERPRUFE MR50 self adhesive waterproofing / gas barrier membrane by ALDERBURGH LTD, with 50 micron pure aluminium foil sandwiched between two 1mm layers of modified bitumen. Joints heat bonded, either to itself or to associated Alderprufe products, where required
Roll size: 1m x 15m
Layers: One
Joints: Minimum 100mm
Primer: Alderseal Tac Primer
Protection: 3mm or 6mm Backerboard or Geotex 300PP
Alderburgh Ltd, Tel: 01706 374416 Fax: 01706 376785
- 132 ALDERSEAL TAC PRIMER, by ALDERBURGH LTD, for use in conjunction with Alderprufe self-adhesive membranes, to seal the prepared surface and to aid membrane adhesion.
Can sizes: 5 Litre, 25 Litre
Coats: One (except on very porous surfaces, which may require two coats)
Coverage: 4 – 6 m² per litre
Application: By brushing, spraying, or mopping to achieve full coverage. Allow to dry thoroughly before covering.
Alderburgh Ltd, Tel 01706 374416 Fax: 01706 376785
- 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 with permanent overlying construction as soon as possible, or take measures to protect from follow on trades with suitable materials as advised ALDERBURGH LTD. (Tel: 01706 374416, Fax: 01706 376785)
Immediately prior to covering check for damage and repair as necessary.
- 320 ANGLES IN FULLY BONDED SHEETING:
Fit internal angles with ALDERPRUFE PREFORMED FILLET, not less than 50mm x 50mm, bedded in bitumen mastic,
Reinforce all angles with a strip of the specified ALDERPRUFE membrane, not less than 300mm wide, applied before the main sheeting.
Continue main sheeting around angles, extending not less than 100mm onto adjacent surfaces
Alderburgh Ltd, Tel: 01706 374416, Fax 01706 376785

- 133 ALDERVENT GEOVOID 100/96 filter wrapped modular gas collection channel, by ALDERBURGH LTD. Crush strength 33.5KN, 85% Perforations. Independently tested and validated by Ove Arup Environmental, for use as a gas dispersal medium.
Channel size: 86mm x 100mm x 3.125m
Centres: To suit the Gas Regime required
Jointing: Modular
Alderburgh Ltd Tel: 01706 374416 Fax: 01706 376785
- 134 ALDERVENT GROUND LEVEL VENT BOX, by ALDERBURGH LTD, perforated geo-composite inlet / outlet boxes with stainless steel lid; crush resistance 600 KN/m2.
Unit size: (mm) 480mm x 156mm x 260mm deep as standard
Centres: To suit the Gas Regime required
Alderburgh Ltd Tel: 01706 374416 Fax: 01706 376785
- 135 ALDERVENT GEOVOID 52/96 by ALDERBURGH LTD, to form a controlled 44.7mm clear void beneath the structure.
Height 52mm, crush strength 1457kN/m2, 96% void ratio & porosity.
To be used as a blanket ventilation, or at predetermined centres to suit the gas regime
Alderburgh Ltd Tel: 01706 374416 Fax: 01706 376785
- 325 THROUGH WALL VENTS by ALDERBURGH LTD, comprising airbrick, periscope sleeve and adapter as appropriate to suit height and width, and onward connection to Aldervent gas ventilation void former as selected.
Alderburgh Ltd Tel: 01706 374416
- 139 BACKERBOARD HD by ALDERBURGH LTD, semi-rigid protection board, to be applied to form a continuous protective layer to waterproofing membranes.
Unit size: (mm) 2000 x 1000
Thickness: 3mm
Alderburgh Ltd Tel: 01706 374416
- 326 ALDERPRUFE PREFORMED CLOAKS by ALDERBURGH LTD:
Types and Locations: Preformed Pipe Collar to seal around service entry pipework penetrations; Preformed Column Cloak heat bonded to steel stanchions to maintain integrity of membrane system.
Seal laps to surrounding membrane by torch bonding in accordance with manufacturer's recommendations.
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- 343 ALDERCOURSE GRA by Alderburgh Ltd, gas resistant dpc to maintain the integrity of a gas barrier system at load-bearing locations, to close cavity walls to gas ingress, & to act as dpc should the detailing allow.
Layers: 1
Overlap: 100-150mm
Joints: Heat-bonding for total lap security
Alderburgh Ltd Tel: 01706 374416 Fax: 01706 376785
- 143 PENETRATION TO GAS BARRIER
Pre-formed cloaks to be used wherever possible, typically at pipe entries, columns, piles punctures at re-bars or wall ties should be avoided wherever possible, but if necessary, should be sealed using Alderseal Gastite Mastic or heat-bonded Alderseal Gastite Compound.
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