5.5mm fastener fitted with large dia (29/32mm) washer with bonded seal, min 5 per purlin.

Side lap sealant - Class A 6x5mm butyl mastic

Rooflight under lap use expanding rubber bolts at 300 - 400mm ctrs

Side lap sealant - Class A 6x5mm butyl mastic

Stitching screw at 300 - 400mm ctrs

Spacer bar support system

Cleartherm2 intermediate layer

Insulation retainer

Outer skin Trilite GRP rooflight - SAB 3

Trilite Ultra GRP liner - SAA 1

Liner side laps & Cleartherm2 secured on both sides with 50mm wide film backed butyl tape with release film (not self wound) e.g. Vapourflex 0311WLT

Spacer bar brackets fitted outside of rooflight necessitating 3m long spacer bar

Copy of Trilite Ultra L/P site assembled Cleartherm2 - section

Change detail

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<th>Issue</th>
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<th>Change detail</th>
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<td>02/06/09</td>
<td>First issue</td>
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<td>2</td>
<td>19/10/11</td>
<td>Amended liner tape reference</td>
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Title: Trilite Ultra L/P site assembled Cleartherm2 - section

Page: 1 of 5

Scale: 1:5 (A4)

Drawn by: SM

Approved: HC 227/1
Read in conjunction with:
TB174 - Trilite Ultra L/P S/A installation

Ø5.5mm fastener fitted with large dia (29/32mm) washer with bonded seal, min 5 per purlin.

Optional gun grade silicone sealant ISO 11600-F-25LM

2 rows of 6x5mm butyl mastic 25mm either side of fixing line

Outer skin Trilite GRP rooflight - SAB 3

Spacer bracket positioned outside the rooflight

Cleartherm2 layer, butting up to foam filler

Foam filler profiled to suit topside of liner & underside of spacer bar to retain insulation

Optional gun grade silicone sealant ISO 11600-F-25LM

Ø8mm butyl mastic tape

Liner main fastener

Trilite Ultra GRP liner - SAA 1

Main purlin

Alternative liner end lap vapour check - 50mm wide film backed butyl tape with release film (not self wound) e.g. Vapourflex 0311WLT

Issue | Date       | Change detail
---    | ----------  | ---------------
1      | 02/06/09   | First issue
2      | 19/10/11   | Amended liner tape reference

Title: Trilite Ultra L/P site assembled Cleartherm2 - down slope

Page: 2 of 5

Drawn by: SM

Dwg No: HC 227/2

Scale: 1:4 (A4)
Read in conjunction with:
TB174 - Trilite Ultra L/P S/A installation

Ø5.5mm fastener fitted with large dia (29/32mm) washer with bonded seal, min 5 per purlin.

Optional gun grade silicone sealant ISO 11600-F-25LM

Cleartherm2 butt jointed at purlin position, seal joint with BMDS Polyband

Alternative liner end lap vapour check - 50mm wide film backed butyl tape with release film (not self wound) e.g. Vapourflex 0311WLT

2 rows of 6x5mm butyl mastic 25mm either side of fixing line

Main purlin

Outer skin Trilite GRP rooflight - SAB 3

Spacer bracket positioned outside the rooflight

Cleartherm2 layer

Liner main fastener

Trilite Ultra GRP liner - SAA 1

Issue | Date | Change detail
--- | --- | ---
1 | 02/06/09 | First issue
2 | 19/10/11 | Amended liner tape reference

Title: Trilite Ultra L/P site assembled Cleartherm2 - end lap
Page: 3 of 5
Scale: 1:4 (A4)
Ø5.5mm fastener fitted with large dia (29/32mm) washer with bonded seal, min 5 per purlin.

Main purlin

Spacer bracket positioned outside the rooflight

Outer skin Trilite GRP rooflight - SAB 3

Cleartherm2 layer

Trilite Ultra GRP liner - SAA 1

Liner main fastener

Main purlin

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**Change detail**

**Issue** | **Date** | **Change detail**
---|---|---
1 | 02/06/09 | First issue
2 | 19/10/11 | Amended liner tape reference

**Title:** Trilite Ultra L/P site assembled Cleartherm2 - mid slope

**Page:** 4 of 5  **Drawn by:** SM  **Dwg No:** HC 227/4

**Scale:** 1:4 (A4)  **Approved:**
Read in conjunction with:
TB174 - Trilite Ultra L/P S/A installation

- Outer skin Trilite GRP rooflight - SAB 3
- Cleartherm2 layer, butting up to foam filler
- Trilite Ultra GRP liner - SAA 1
- Alternative liner end lap vapour check - 50mm wide film backed butyl tape with release film (not self wound) e.g. Vapourflex 0311WLT

Butyl mastic:
- 2 rows of 6x5mm butyl mastic 25mm either side of fixing line
- Optional gun grade silicone sealant ISO 11600-F-25LM

Fasteners:
- Ø5.5mm fastener fitted with large dia (29/32mm) washer with bonded seal, min 5 per purlin.
- Ø8mm butyl mastic tape

Other:
- Foam filler profiled to suit topside of liner & underside of spacer bar to retain insulation

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Title: Trilite Ultra L/P site assembled Cleartherm2 - up slope
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Drawn by: SM
Dwg No: HC 227/5
Scale: 1:4 (A4)
Approved: