CEILINGS
INSTALLATION GUIDE

geterpan

pacific build supply ltd
General remarks on Eterpan Ceilings

- This installation guide is to be used in conjunction with:
  - Pacific Build Supply Eterpan Soffit & Ceiling Q & A Sheet
  - Pacific Build Supply Ceiling Linings specifications
  - Pacific Build Supply Ceilings Linings Order List
  - Architects’ specific details
  - Pacific Build Supply Corporate Folder

- The methods selected for this guide are based on experience from sites & have proven to give the best results. The sequence of the work steps as well as their implementation may vary more or less due to different building situations.

- Further details are available in the Pacific Build Supply folder or from the website www.pbs.co.nz
Preliminary checks

- Ensure that new / existing support framing is suitable.
  - NZS3602 “Timber and wood-based products for use in buildings” for timber treatment allowable moisture content
  - NZS 3603 “Timber structure standard” and AS/NZS 1170 “Structural design actions” structural and design OR
  - NZS 3604 “Timber framed buildings”

- Ceiling sheets to be supported on four edges.
- Complete frame check to ensure compliance. Nogs to be as per table below.

<table>
<thead>
<tr>
<th>SHEET WIDTH mm</th>
<th>MAX. SOFFIT NOG CTRS. mm</th>
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<tbody>
<tr>
<td>450, 600</td>
<td>1200</td>
</tr>
<tr>
<td>750</td>
<td>900</td>
</tr>
<tr>
<td>900, 1200</td>
<td>600</td>
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</tbody>
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- Ensure roof or deck above is watertight before fixing Ceiling linings.
- Ensure Eterpan sheet is stored flat on a flat surface, covered and kept dry.
Ceilings with Eterpan

Products

- Eterpan Refined & Europan for Ceilings

- For exposed fixings use 40mm x 10g SS screws with 10g cup head washers. Or No 8 x 40mm Surefast screws for countersunk fixings.

- 40 x 2.8mm SS clouts, available in 5kg packs.

- Bostik SAFESEAL Sealant, available in 330 ml cartridge or 600 ml sausage

- PE Foam tape, 48mm x 1.6mm

- Aluminum sockets 0.7mm x 70mm, with 9 x 6mm Foam tapes

- 70mm x 30m roll PVC Duct tape. For separation between dissimilar materials.

- 3m PVC Joint mouldings in 4.5mm, 6.0mm, 7.5mm & 9.0mm sizes.
Ceilings with Eterpan

Step 1: sheet fixing layout – FLUSH JOINTS

- Sheets to have stagger joints. **Refer diagram below**
- Fix sheets from centre out
- Control joints; Max bay size 9m x 6m. **Refer diagram below**
- Control joints required at changes in direction
- Control joints required to coincide with seismic or construction joints.
- All edges of the sheets have to be supported by a joist or nogg.

![Diagram of sheet joint option - taper & flush]

**Notes:**
1. Stagger Sheet Joints.
2. Control Joints.
See section X-X & Y-Y on page EP.7.1.06.
Step 2: sheet fixing layout – EXPRESSED JOINTS

- No specific sheet lay out required for expressed joints.
- Fix sheets from centre out
- For timber framing min. 70mm wide timber required for expressed joints
- For metal channel framing, two channels required for expressed joints.
- Expressed joints required at changes in direction
- All edges of the sheets have to be supported by a joist or nogg.
Step 3: Further sheet joint options

- PVC jointers
- Butt joint
- Cover batten
Ceilings with Eterpan

Step 4: Fix Sheets

- Cut Eterpan Refined, drill & countersink holes for screw fixed applications.
- Screw or clout fix Eterpan sheets @ max. 200mm crs to timber framing.
- Ensure minimum edge clearance of 12 mm for screw fixing of the sheets.
- Contact adhesive can be used to intermediate nogs instead of screws.

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Step 5: Finishing

- Clean & prime screw holes ready for filling.
- Fill screw holes with Nuplex Epoxy Furring cream and scrape flush. **(Dont over apply Epoxy)**
- Flush off with Eterstop/PAL external contract filler.
- Sand screw holes smooth and flush.
- Complete Q A sheet to confirm compliance.
- Plaster finishing to joints with Eterstop joint flushing and finishing compound or similar.
- Use paper joining tapes for internal applications and mesh tapes for external soffits.