Ecoply Bracing

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1 Specification Details

Trade Sections: Carpentry
Description:
Keywords: Carpentry, Carter Holt Harvey, CCH, Ecoply Bracing, EP bracing, ply, plywood, ply sheet, plywood sheet, ply panel, plywood panel, brace, bracing, structural bracing, ply bracing, plywood bracing, bracing element, bracing system, bracing material, bracing component, rigid brace, rigid bracing, sheet brace, sheet bracing, panel brace, panel bracing, wall brace, wall bracing, wall bracing element, wall bracing system, wall bracing ply, wall bracing plywood, subfloor, sub-floor, subfloor brace, sub-floor brace, subfloor bracing, sub-floor bracing, subfloor bracing element, sub-floor bracing element, timber framing, framing, timber framed buildings, timber framing brace, timber framing bracing, wind brace, wind bracing, wind load, wind load brace, wind load bracing, earthquake brace, earthquake bracing, earthquake load, earthquake load brace, earthquake load bracing, wind and earthquake bracing, wind and earthquake load bracing, earthquake and wind load bracing, earthquake and wind load bracing,

2 Clauses

2.1 Scope

Help Note:
For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/chh%20plywood.

2.1.1 Scope

Supply 7mm or thicker Ecoply or Shadowclad structural plywood and install it as structural bracing or ceiling diaphragm in the positions identified on the Bracing Plan.

2.2 Preparation

2.2.1 Preparation

Check that the timber wall framing complies with NZS 3604, is plumb and in true alignment, and has a maximum moisture content of 20% at the time of Ecoply Bracing installation. Ensure that the bottom plate hold-downs are correctly installed. Upon delivery store plywood on four evenly spaced level bearers, and protect the plywood from rain dirt etc. Ecoply Bracing installation work shall be carried out by competent tradesmen.

2.3 Installation

Help Note:
Select the appropriate Durability Zone.

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2.3.1 Direct Fix, Timber Frame, Durability Zone B or C

Handle the plywood carefully, and reject any damaged sheets. Fix sheets vertically, incorporating 2 - 3mm expansion gaps at joins. All sheet edges fully supported. Install with cut sheet ends to the top.

Fasten with 50 x 2.8mm galvanised flat head nails for direct fix. Refer to the Ecoply Specification and Installation Guide for preservative treatment and fastener durability requirements. Fix at 150mm centres around the perimeter of each sheet and 300 mm centres to intermediate studs. Ensure that base clearances to E2/AS1 are provided.

Where Shadowclad plywood is used as both cladding and bracing refer to the Shadowclad Specification and Installation Guide for durability requirements. (Ph 0800 326 759 to confirm the date of the most recent edition).

2.3.2 Direct Fix, Timber Frame, Durability Zone D

Handle the plywood carefully, and reject any damaged sheets. Fix sheets vertically, incorporating 2 - 3mm expansion gaps at joins. All sheet edges fully supported. Install with cut sheet ends to the top.

Fasten with 50 x 2.8mm stainless steel flat head nails for direct fix. Refer to the Ecoply Specification and Installation Guide for preservative treatment and fastener durability requirements. Fix at 150mm centres around the perimeter of each sheet and 300 mm centres to intermediate studs. Ensure that base clearances to E2/AS1 are provided.

Where Shadowclad plywood is used as both cladding and bracing refer to the Shadowclad Specification and Installation Guide for durability requirements. (Ph 0800 326 759 to confirm the date of the most recent edition).

3 Compliances

- 1604.3:2012(AS/NZS) - Specification for preservative treatment - Part 3: Plywood
- 2269.0:2012(AS/NZS) - Plywood - Structural - Part 0: Specifications

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