Ecoply Barrier

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1 Specification Details

Trade Sections: Carpentry
Description:
Keywords: Carpentry, Carter Holt Harvey, CCH, Ecoply Barrier, ply, plywood, ply sheet, plywood sheet, ply panel, plywood panel, rigid air barrier, rigid air barrier, rigid underlay, wall underlay, rigid wall underlay, plywood rigid air barrier, plywood underlay, plywood rigid underlay, plywood rigid wall underlay, plywood rigid wall underlay, cladding underlay, cladding, wall cladding, wall cladding underlay, wall cladding rigid underlay, wall cladding rigid wall underlay, cavity construction, cavity ply, cavity plywood, cavity underlay, cavity rigid underlay, cavity rigid wall underlay, cavity plywood underlay, cavity air barrier, cavity rigid air barrier, wall cavity, drained cavity, drained wall cavity, drained cavity underlay, drained cavity rigid underlay, drained cavity rigid wall underlay, vented cavity, vented cavity underlay, vented cavity rigid underlay, vented cavity rigid wall underlay,

2 Clauses

2.1 Scope

2.1.1 Scope

Supply 7mm H3.2 CCA treated Ecoply Barrier and install it as a rigid air barrier to the outside face of the external timber framed walls where noted. All aspects of this work shall be in full accordance with NZS 3604 and NZBC E2/AS1 and Carter Holt Harvey Woodproducts 'Ecoply Barrier Specification and Installation Guide' (Ph 0800 326 759 to confirm the date of the most recent edition).

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

2.2 Preparation

2.2.1 Preparation

Check that the timber wall framing complies with NZS 3604, or specific design, has studs at maximum 600mm centres and nogs at maximum 1200mm centres, is plumb and in true alignment, includes all blocking required for Ecoply Barrier fixing at openings, joints, corners and soffits etc., and (preferably) has a maximum moisture content of 20% at the time of Ecoply Barrier installation. Ensure that bottom plate hold-downs for bracing panels are correctly installed. Upon delivery store plywood on four evenly spaced level bearers, and protect the plywood from rain dirt etc

2.3 Installation

Help Note:
Select the appropriate Durability Zone

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2.3.1 Durability Zone B or C

Ecoply Barrier installation work shall be carried out by competent tradesmen, observing recommendations within the Material Data Safety Sheet for H3.2 CCA Ecoply. Handle the plywood carefully, and reject any sheets with damaged edges or faces.

Fix sheets vertically. Sheets setout neatly from corners, incorporating 2 - 3mm expansion gaps at all joins. All sheet edges fully supported. Install with cut sheet ends to the top, and with other cuts sealed with flashing tape (Metalex Clear can be used on cut edges additionally if this is desired). Fix with 40x2.5mm clouts or Paslode Impulse 50x2.8mm ring round head drive nails, all hot dipped galvanised or better. Fix at 150mm centres to all sheet edges, 7mm in from the sheet edge, and at 300mm centres to all intermediate supports.

Install Ecoply PVC Z flashing (from E2 Flashing Solutions) to horizontal joints. Seal all vertical joints and corners with Ecoply Sealing Tape, installed on clean surfaces. Ensure that base clearances to E2/AS1 are provided. Ensure that the overcladding is installed within 6 months of Ecoply Barrier installation.

2.3.2 Durability Zone D or E

Ecoply Barrier installation work shall be carried out by competent tradesmen, observing recommendations within the Material Data Safety Sheet for H3.2 CCA Ecoply. Handle the plywood carefully, and reject any sheets with damaged edges or faces.

Fix sheets vertically. Sheets setout neatly from corners, incorporating 2 - 3mm expansion gaps at all joins. All sheet edges fully supported. Install with cut sheet ends to the top, and with other cuts sealed with flashing tape (Metalex Clear can be used on cut edges additionally if this is desired). Fix with 40x2.5mm clouts or Paslode Impulse 50x2.8mm ring round head drive nails, all stainless steel ag nails. Fix at 150mm centres to all sheet edges, 7mm in from the sheet edge, and at 300mm centres to all intermediate supports.

Install Ecoply PVC Z flashing (from E2 Flashing Solutions) to horizontal joints. Seal all vertical joints and corners with Ecoply Sealing Tape, installed on clean surfaces. Ensure that base clearances to E2/AS1 are provided. Ensure that the overcladding is installed within 6 months of Ecoply Barrier installation.

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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