



# GARAGE PLY INSTALLATION GUIDE

**APPEARANCE:**

Front: Solid sanded C' face 'V' grooves running lengthwise along sheet at 100 mm centres.

Rear: D face (non visual)

**SHEET THICKNESSES:**

12 mm

**SHEET DIMENSIONS:**

2400 x 1200 mm

**WEIGHT (KG/M<sup>2</sup>):**

6.6

**EDGE PROFILE:**

Square Edge, Tongue and Groove

**GROOVE PROFILE:**

Groove depth 4 mm wide by 2 mm

**TREATMENT:**

Untreated



Information contained in this document is specific to the CHH Woodproducts range of plywood products and cannot be used with any other plywood products no matter how similar they may appear.

For further information contact customer services or visit [www.chhwoodproducts.co.nz](http://www.chhwoodproducts.co.nz)

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[www.chhwoodproducts.co.nz](http://www.chhwoodproducts.co.nz)



**Garage Ply is a cost effective plywood panel lining suitable for non structural linings such as garages, sheds and utility buildings. Garage Ply offers high impact resistance and exceptional durability compared to other lining material options.**

**PRODUCT INFORMATION**

Garage Ply is an internal lining panel suitable for applications where strength and durability is desired.

Panels are untreated and feature a CD surface finish (face may contain surface filler) with a 'V' groove profile running along the length of the sheet at 100 mm centres.

Garage Ply is not suitable for use in wet areas or where the use of structural plywood (such as wall bracing) is required.

Where structural plywood is required use only Ecoply® or Shadowclad® branded plywood.

**PRE INSTALLATION INSPECTION**

- Prior to installation inspect panels for visual defects. Responsibility lies with the installer to ensure panels meet the aesthetic requirements of the project
- For best results install panels in as close to the final internal environmental conditions as possible
- Store panels in a dry, cool area

**SHEET LAYOUT**

- All edges of square edge Garage Ply must be supported
- For tongue and groove Garage Ply the tongue and groove joint does not require support — all other edges do

**FASTENING**

Garage Ply can be installed using a variety of fastening methods depending on the degree of fastener concealment desired.

General fixing techniques include:

- Nailing (including panel pins), screw and gluing
- Use of scotia/ dado & skirtings to hide joints and fixings
- Battens and rafters to hide joints
- Creating design features of mechanical fasteners (such as use of rose head fasteners)
- Negative detailing between panel edges

**FIXINGS FOR NON BRACING WALLS**

**Nails:** Use 40 mm panel pins at 150 mm centres at sheet edges and 300 mm centres on intermediate supports. Daubs of a polyurethane based adhesives such as Holdfast Gorilla Grip or Fix All 220 Sealant at 300 mm centres is recommended on all framing members.

**Screws:** Use No.8 x 40 mm screws and adhesive as per nail specifications.

**Adhesives Only**

Panels in wall lining applications may be fixed with a bead of polyurethane based adhesive on all frame supports.

TABLE 1: MAXIMUM FRAME SPACINGS FOR GARAGE PLY

Application	Maximum Frame Centres <sup>1</sup> (mm)	
	Studs	Nogs / Boeking
Internal Walls	1. Sheets fixed vertically	800
	2. Sheets fixed horizontally	-

<sup>1</sup> Closer spacings are recommended in high impact areas

# Garage PLY

Sheets must be supported by applying pressure during the adhesive curing process in accordance with the adhesive manufacturer specifications or with mechanical fasteners such as nails, panel pins or screws at 300 mm centres on all supporting framing.

## Holdfast<sup>®</sup> Adhesive Only Wall System

Holdfast has developed an installation method for plywood used for internal wall linings (not suitable for use in ceiling applications).

The system uses a two stage process utilising Holdfast Fix All 220MS and Gator UHB double sided tape. When installed according to Holdfast technical specifications this system can eliminate the need for mechanical fasteners.

For specifications and technical support regarding this system contact Holdfast on 0800 70 10 80 or visit [www.holdfast.co.nz](http://www.holdfast.co.nz)

## GENERAL FIXING METHOD TO WALLS

- For walls place 6 mm packers along floor as temporary sheet supports to allow for normal frame movement. Apply adhesive in daubs at 300 mm intervals on all framing members
- Butt sheets together
- The use of negative detailing is possible by leaving a small gap around sheet edges and either painting the framing or using a proprietary butyl strip type product.
- If desired scotia and skirting boards can be used to hide joints

## SURFACE COATINGS

Where used as an internal lining Garage Ply can be left uncoated or applied with common coating systems including clear coatings, penetrating stains and acrylic paints (including film forming stains).

Note: Sheets may contain surface filler.

Where a high visual appearance is required the use of plywood with a higher visual surface grade such as Ecoply Grooved Lining is recommended.

## LIMITATIONS

The information contained in this document is current as at March 2014 and is based on data available to CHH Woodproducts at the time of going to print.

CHH Woodproducts reserves the right to change the information contained in this document without prior notice. It is important that you visit [www.chhwoodproducts.co.nz](http://www.chhwoodproducts.co.nz) or call 0800 326 759 to confirm that you have the most up to date information available.

CHH Woodproducts has used all reasonable endeavours to ensure the accuracy and reliability of the information contained in this document and, to the extent permitted by law, will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.

Figure 1: Typical Frame Spacing - Walls

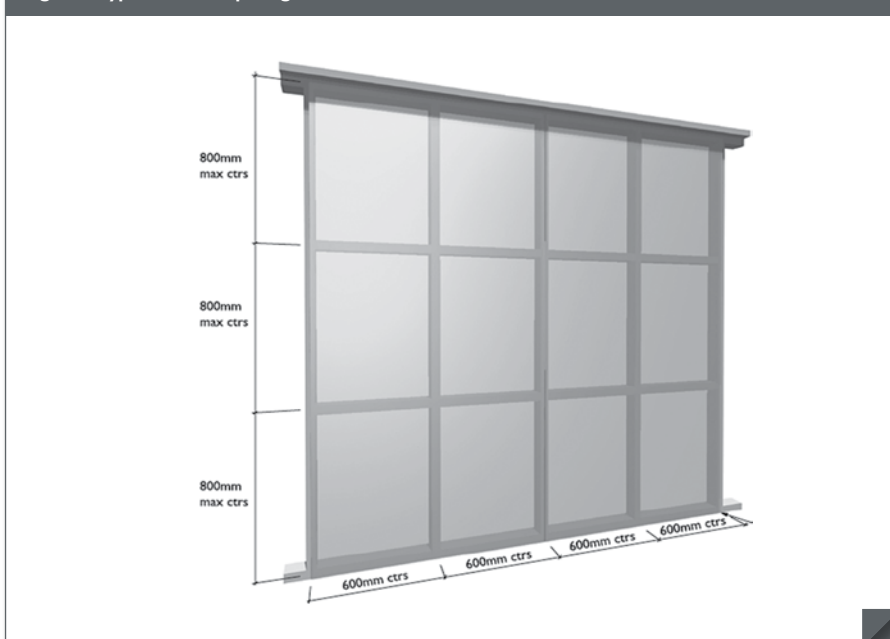


Figure 3: Typical Fastener Layout - Walls

