



### General Information

The following installation instructions are in addition to any council regulations and any requirements of the NZBC.

# Installation Guide

October 2025

## Storage

- Sheets should be fully protected from the weather when transported and stored.
- Stack sheets horizontally in a flat area and off the floor using clean, dry bearers.
- Place individual bearers at maximum 600mm centres and 300mm from the end.
- Ensure sheets are flush to minimise damage to edges or overhanging corners.
- Storage areas should be well-ventilated with an average relative humidity of 50%.
- Never store plywood outdoors, in areas with newly poured concrete, or in rooms that have been recently plastered due to high moisture.

## Cutting and Working

- BrightPly™ is easy to cut and shape with a normal hand or power saw.
- Make cuts on the back face to minimize tear-out.
- Masking tape can further reduce splintering.
- Sand rough edges after cutting: first with 120 grit, then with 240 or 320 grit paper.
- Wear safety gear (eye protection, dust mask).
- Work areas must be well-ventilated. Fitting dust extractors to equipment is recommended.

## Conditioning

- Store BrightPly™ in the same environment where it will be installed for a minimum of 48 hours before starting work.

## Fixings and Fasteners

- Use fixings with a minimum length of 40mm.
- Fixing at a slight angle towards the stud increases holding power.
- Maintain control of air pressure when using a nailing gun to avoid over-penetration.

## Adhesive and Sealants

- Apply a construction-grade adhesive to studs or framing before fixing.
- Use a paintable caulk to seal gaps between sheets and edges if required.





## Installation

### Framework Support Centres

Panel Thickness (mm)	Wall Lining		Ceiling Lining	
	Stud Centres (mm)	Nogging Centres (mm)	Joint/Truss Centres (mm)	Nogging Centres (mm)
9.0 & 12.0	400	1200	450	800
	450	1200	600	600
	600	800	900	480
			1200	480



#### Fixing to Frames and Existing Walls

- Allow a 5mm gap at the top and bottom of the wall.
- Follow manufacturers recommendations, apply construction adhesive at 300mm intervals on studs and nogs (dwangs).
- Space fixings 150–300mm apart.
- Leave a small gap (2–3mm) between sheets. Don't hard-push together.
- Fixings must be at least 10mm from the sheet edge and 25mm from corners.
- Fixings should be just below the surface, not overdriven.
- Don't fix to framing with moisture content above 20%.

#### Coatings

- Fill visible screw/nail holes with paintable flexible wood filler and lightly sand (320 grit).
- Seal all visible surfaces, including edges, before installation.
- Follow manufacturers recommendations  
Polyurethane: 3 coats. Paint: 1 primer + 2 topcoats.
- Light sand (280 or 320 grit) between coats.

#### Maintenance

- Regularly inspect for damage/wear.
- Avoid moisture exposure.
- Touch up scratches/dents with primer and paint or Polyurethane