

dynaboard

WORKING WITH DYNABOARD

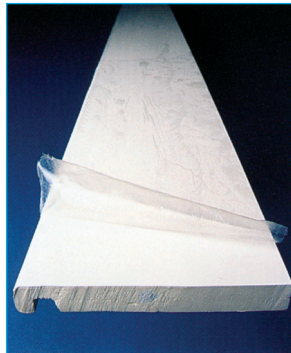


fabrication

One of the features of DYNABOARD is that it can be processed using the same equipment as wood. It can be sawn, stapled, nailed, routed, drilled, screwed and glued.

1. SURFACE PROTECTION:

A thin barrier film has been adhered to the pre-finished surface. This is primarily to provide protection against dust and accidental spills of paint, plaster etc. during finishing of the building interior. The surface protection film should be left on during fabrication and removed by the installer after all interior work has been completed. Fabricators should be careful with the finished surface during processing, storage and transport. Although the board has resistance to damage, it can be scratched if dragged across another hard surface.



2. SAWING: DYNABOARD can be sawn using standard wood working machinery, with a fine toothed blade giving best results. To avoid damaging the finished surface, power saw with the back of the board facing the blade.

3. CORNERS: For best results corners should be mitre cut, glued and fixed the same as wood reveals. Typical fixing methods include stapling, nailing and screwing. If using automatic tools for fixing, such as a pneumatic stapler, the pressure may need to be reduced compared with that for wood. If gluing is desired, use a PVC glue such as Marley MCS solvent cement. Care should be taken to avoid glue contact with pre-finished surfaces.



4. CURVED WINDOWS: Because DYNABOARD is made from a thermoplastic PVC, it is relatively simple to bend it to form curved windows.

5. TRANSPORTING FINISHED WINDOWS: Treat DYNABOARD as you would for other finished surfaces such as powder coated aluminium by protecting it when transporting to the installation site. Exposed surfaces should be covered with a protective material such as cardboard or cloth, particularly where they contact the transport vehicle or another hard surface.

6. STORAGE: Boards should be stored in their original packaging or on bearers at 600mm centres, with no other materials being laid on top. Incorrect storage may result in buckling or distortion.

GUARANTEE: DYNABOARD carries a 15 year manufacturers warranty in accordance with the New Zealand Building Code and the Consumer Guarantees Act 1993



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installation



1. HANDLING: Installers should be extremely careful with the pre-finished surface. Although the board has resistance to damage it can be scratched if dragged across another hard surface.

2. FIXING INSTRUCTIONS: To maintain the smart appearance of the DYNABOARD we recommend installers do not face nail when fixing. There are alternative fixing methods with the GRB Jamb Tie shown below:

GRB Jamb Tie (GRB NZ Ltd)

The base plate is stapled or screwed to the board (see diagram, right).

The window is installed then the angle plate is inserted and clipped into the base.

Tack nail through the adjustable slot, complete final levelling and nail off through plate holes.

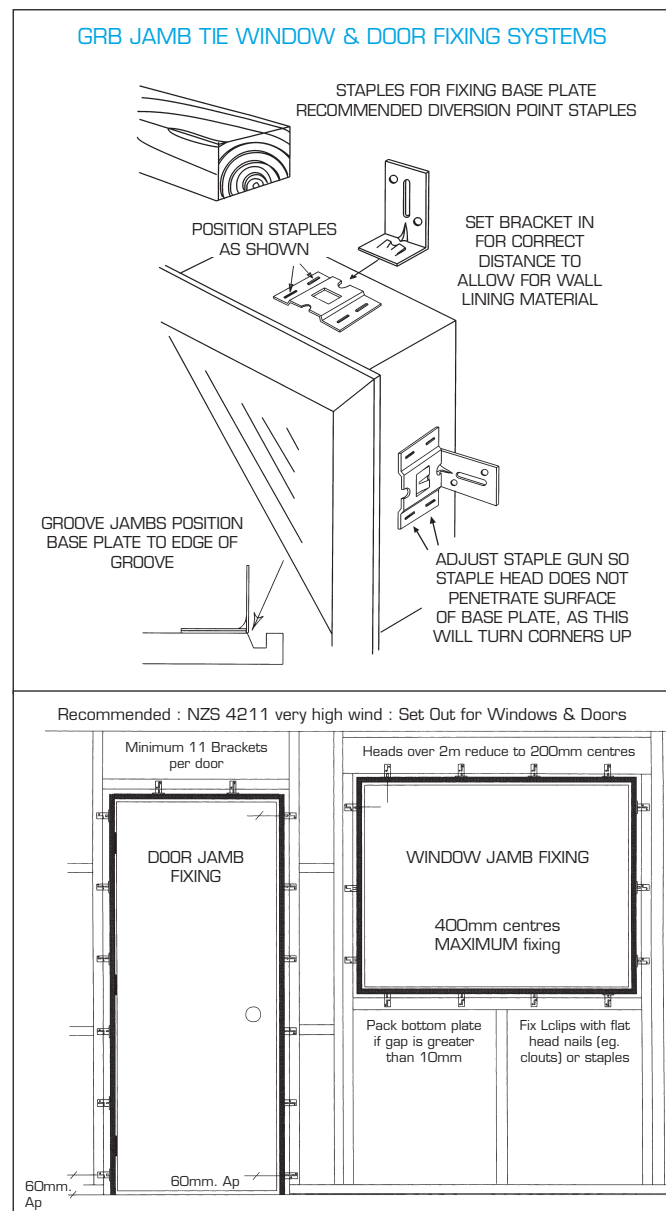
NOTES:

- DYNABOARD should not be fixed to timber framing with a moisture content in excess of 24% (Refer NZS 3602).
- Suggested fixing is within 100-150mm from corners and at 400mm spacings. Where a top span is longer than 2.0m it should be either double fixed or the spacing reduced to 200mm.
- The above information is provided as a guide only. Positioning varies depending on the thickness of the wall lining. Installers should read the full manufacturers' instructions prior to installation.

3. SURFACE PROTECTION FILM: A thin barrier film has been adhered to the pre-finished surface. This is primarily to protect against dust and accidental spills of plaster, paint etc. during finishing of the building interior. Therefore the film should be left in place until the building is ready for occupation. To remove barrier film carefully run a sharp knife along the edge of the reveal and peel the film away.

4. REPAIRS: If the DYNABOARD has been damaged it can be repaired in place. Dents or gouges should be filled using a suitable filler such as Polyfilla "Mirror Finish", sanded smooth, then painted with two coats of acrylic paint. Matching paint is available nationwide from Dulux and Taubmans/Watlyl trade centres and Levenes stores.

Small scratches can be repaired using a suitable white epoxy such as Selley's "Porcelain Repair" sanded using a very fine grit paper (finishing with 2000 grit) then polished.



technical information



1. CHEMICAL RESISTANCE: DYNABOARD is resistant to most chemicals including acids and alkali. However, chemicals such as thinners, solvents and petrol must be avoided.

2. UV RESISTANCE: DYNABOARD has been formulated to withstand normal New Zealand sunlight conditions.

3. FIRE PROPERTIES: DYNABOARD has been designated as suitable for domestic and commercial use in areas where there are no specific fire requirements. The product is not easily ignited and shrinks, melts and flows away from the heat source. UPVC is self extinguishing and ceases to burn upon removal of the heat source.

Fire Indices AS 1530.3 Ignitability: 0 Spread of flame: 0
Heat evolved: 0 Smoke developed: 7

NOTE: DYNABOARD softens at approximately 75°C. Direct exposure to a heat source exceeding this temperature may cause distortion.

4. THERMAL EXPANSION: 3 x 10⁻⁵ per degree C.

5. THERMAL INSULATION: DYNABOARD has a thermal resistance of approximately 0.18m²oC/W.

6. IMPACT STRENGTH: Hard body impact =>9J at 20°C (min). Tested in accordance with AS/NZS 4257.6.

7. GLUING: DYNABOARD can be glued to itself using a PVC glue such as Marley MCS Solvent Cement.

8. PAINTING: If required DYNABOARD can be painted. Prepare the surface by thoroughly washing with warm soapy water and complete rinsing. Apply two coats of the desired colour using a brand name acrylic paint. Light colours only should be used to avoid problems associated with heat build-up.

9. TECHNICAL ASSISTANCE: For further information contact your supplier or Dynex Extrusions Ltd.



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