

RAB
BOARD

**A PRE-SEALED, COST EFFECTIVE,
MOISTURE RESISTANT
RIGID AIR BARRIER BOARD**



RIGID AIR BARRIER (RAB) BOARD

RAB board is a 5.5mm thick pre-sealed fibre cement air barrier for use in medium to high-rise buildings. The RAB board is designed to withstand high wind pressures experienced mostly in specific engineering design projects. RAB board helps to protect the timber framing from moisture and it creates a wind barrier equalising the pressure within the cavity to that of the exterior. The RAB board creates a drainage plane and is designed to withstand the moisture, full wind loading and fatigue caused by positive and negative wind actions.

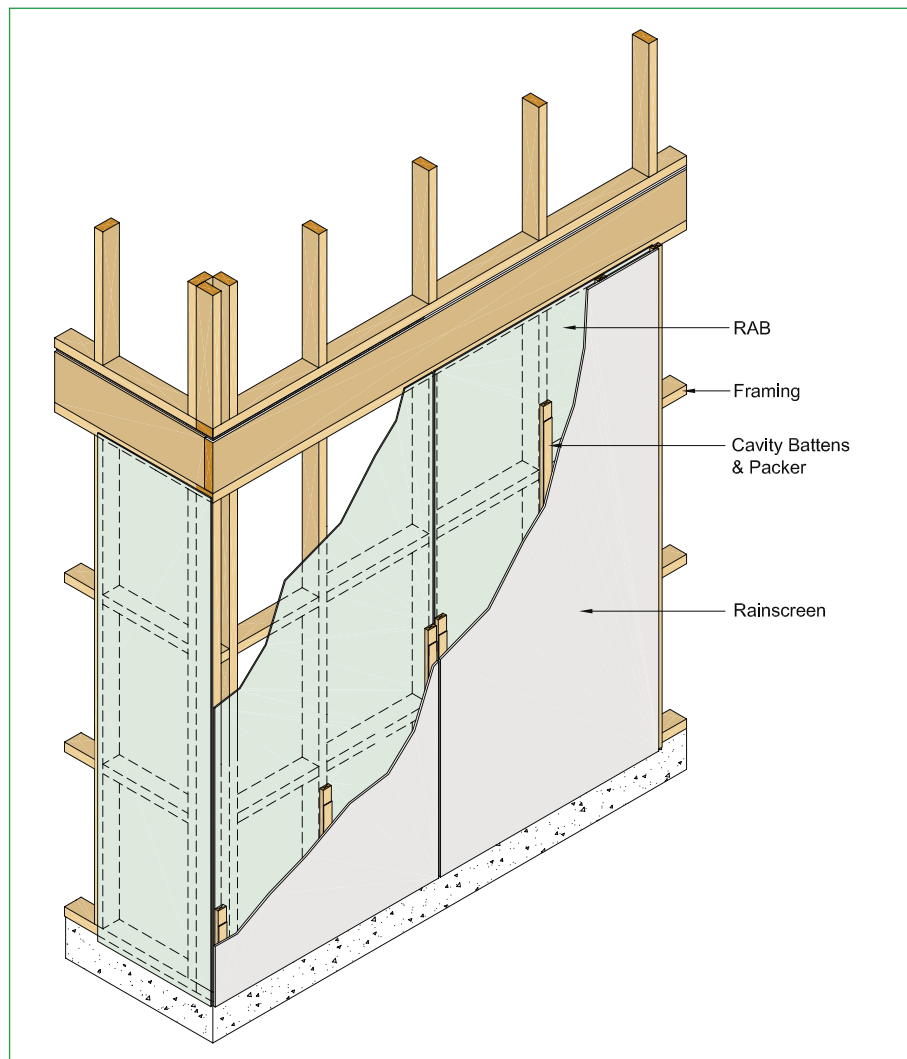


FIGURE 1: TYPICAL FIXING DETAIL

BENEFITS

- RAB board replaces the building wrap behind the cavity in high wind pressure situations where the building wrap is not suitable to withstand the wind pressures.
- It provides a temporary weather protection to the framing before final cladding is erected.
- Integral sealer applied on the face disposes of moisture quickly. RAB board is pre-sealed on the face and edges to resist moisture penetration.
- RAB board installed as per Titan® and Exotec® Façade Panel Rainscreen technical specification has been tested to withstand wind pressures up to 4.5kPa (ULS).

APPLICATION

RAB board is primarily specified for use with Titan® and Exotec® Façade Panels in expressed panel rainscreen applications. RAB board can be installed as an air barrier where a building wrap is not capable of withstanding the wind pressures.

RAB board is also suitable as a plaster backing substrate for the Stucco plasters when used in conjunction with NZS 4251:1998 (Solid Plastering). Refer to Hardibacker® Substrate specification for fixing centres.

Other applications where RAB board can be used are:

- RAB board can be used as a bracing element on timber framed cavity construction walls. RAB board provides 95% of the bracing values achieved by HardiFlex® sheets in bracing applications.

- RAB board can also be used as a rigid air barrier in conjunction with other cladding materials.
- RAB board is suitable to achieve a 30 minute fire resistance rating (FRR) in cavity construction walls regardless of the cladding material used.

For technical information regarding RAB board please refer to the Titan® and ExoTec® Façade Panel Rainscreen Technical Specification available from www.jameshardie.co.nz

Additional installation information, warranties and warnings are available at www.jameshardie.co.nz, or simply Ask James Hardie on 0800 808 868.

RIGID AIR BARRIER (RAB) – SHEET SIZES

LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)	ORDER CODE	BARCODE
3000	1200	5.5	402981	9417910040711
2400	1200	5.5	402980	9417910040704



James Hardie®

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