Triboard™ - Juken New Zealand Ltd

TABLE OF CONTENTS

Specification Details 2
Clauses 2
- Scope 2
- Workmanship 3
- Triboard 4
- Fixing 5
- Wall Bracing System 6
- Inter-Tenancy Wall System 7
- Finishing 8
- Triboard™ Handling and Storage 9
- Completion 10

Compliances 10

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1 Specification Details

Trade Sections: Carpentry
Description: Triboard™ is a 3-layered panel. It consists of a wood strand core sandwiched between an MDF (Medium Density Fibreboard) outer "skin". The result is a clean-lined panel that offers high resilience, impact resistance, and greater stiffness
A dry-in-service wall lining product that is an alternative to plasterboard options
Keywords: Panel housing, Structural walls, Floors, Fire-rated doors, Inter-tenancy walls, Solid core doors, Bracing panels, structural and non-structural applications Benchtops, Shelving, A dry-in-service wall lining product that is an alternative to plasterboard options

2 Clauses

2.1 Scope

Help Note:
Triboard™ is a 3-layered panel.
It consists of a wood strand core sandwiched between an MDF (Medium Density Fibreboard) outer "skin". The result is a clean-lined panel that offers high resilience, impact resistance, and greater stiffness compared to similar products.
Triboard™ must **not be used for**:
Exterior use (exposed to the weather

Areas subjected to repeated water spillage or constant dampness (unless protected by a suitable impervious coating system)
Marine use.
Shower linings.
Saunas.
Window reveals.
Exterior door panels.

Composition:
Triboard™ is a **3-layered panel**.
It consists of a **wood strand core** sandwiched between an **MDF (Medium Density Fibreboard) outer "skin"**.
The result is a clean-lined panel that offers **high resilience, impact resistance, and greater stiffness** compared to similar products.

Applications:
Triboard™ is ideal for both **structural and non-structural applications**:
Panel housing
Structural walls

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Floors
Fire-rated doors
Inter-tenancy walls
Solid core doors
Bracing panels
Benchtops
Shelving

Surface Finish and Strength:
The MDF surfaces provide a **smooth finish** suitable for **painting or overlaying**.
Triboard's innovative combination of **smooth surfaces with inner strength** makes it an excellent choice for various internal building applications. It delivers **greater stiffness** for the same weight compared to other wood-based boards.

Quality Assurance:
Triboard™ undergoes strict quality control during manufacturing, ensuring consistent quality.
Its uniform strength throughout the core gives it **excellent load-bearing capabilities**.

Fire Safety:
Triboard™ meets stringent building standards.
It can be used for **fire door systems** and **inter-tenancy fire-rated walling systems**.

This section covers the supply and installation of the Triboard™ products, according to the conditions and limitations of the Building Code and relevant New Zealand Standards. For technical guidance and advice, phone Juken NZ Ltd technical advice on 021961041 or email chris.maskell@jnl.co.nz

2.1.1 Scope

Scope
Supply and install Triboard™ by Juken NZ Ltd to timber framed elements, as identified and detailed on the drawings. All aspects of this work shall be in accordance with NZS 3604, product manufacturers' recommendations, and as shown on the drawings and the specification.
- Triboard™ is a versatile building material suitable for various **interior applications**.
- It combines the strength of a wood strand core with smooth MDF surfaces.
For technical guidance and advice, phone Juken NZ Ltd technical advice on 021961041 or email chris.maskell@jnl.co.nz

2.2 Workmanship

Help Note:
This section covers the supply and installation of the Triboard™ products, according to the conditions and limitations of the Building Code and relevant New Zealand Standards. For technical guidance and advice, phone Juken NZ Ltd technical advice on 021961041 or email chris.maskell@jnl.co.nz

2.2.1 Workmanship & Co-operation

Workmanship
Where required by the NZ Building Act 2004 it is the building contractor's responsibility, to ensure