

Class 1
Trade Essentials® 6.4mm Tempered Hardboard
Building Products Information Requirements | Info. Sheet
Version: Trade Essentials® 4.5mm Tempered Hardboard | V1 15.09.23

Product name	Trade Essentials® 6.4mm Tempered Hardboard
Product line	N/A
Product identifier	Trade Essentials® 6.4mm Tempered Hardboard

Place of manufacture

Aotearoa New Zealand	
Overseas	✓

Product description

Trade Essentials® 6.4mm Tempered Hardboard, also called high-density fiberboard (HDF) is an engineered wood product. It is formed under heat and pressure using the lignin within the wood fibre, there is no additional resin.

A Paraffin wax is added to improve moisture resistance.

Trade Essentials® 6.4mm Tempered Hardboard has one smooth face and one textured face.

It is used in furniture and in the construction industry for general use in dry conditions.

Key technical specifications:

6.4mm hardboard sheet sizes	Density	Weight
• 2400 x 1200	≥975 kg/m ³	17.4 kg

Note: All dimensions and measurements are nominal.

Relevant building code clauses

- B1 Structure - B1.3.1, B1.3.2, B1.3.3 (f), (h), (j), B1.3.4
- B2 Durability – Performance B2.3.1 (c) 5 years
- C3 Fire affecting areas beyond the fire source - C3.4 (a)
- F2 Hazardous building materials - F2.3.1

Contributions to compliance

Trade Essentials[®] 6.4mm Tempered Hardboard is manufactured in accordance with BSEN 622-2 and tested in accordance with EN 13986, EN 324-1 & 2, EN 317, EN 322, EN 319 & EN 310.

When stored, handled, installed, and maintained in accordance with the Hardboard Brochure, Trade Essentials[®] 6.4mm Tempered Hardboard will meet the provisions of the New Zealand Building Code (NZBC) B2/AS1 - 1.2.1 and has a serviceable life of at least (c) 5 years.

Scope of use

Trade Essentials[®] 6.4mm Tempered Hardboard can be used as an internal wall and ceiling lining.

Trade Essentials 6.4mm Tempered Hardboard can also be used for:

- Furniture
- Displays / Peg board
- Door skins
- Signs & sign components
- Packaging
- Automotive industry (e.g. door cards etc)

Trade Essentials[®] 6.4mm Tempered Hardboard has a Material Group Number of 3.

Trade Essentials[®] 6.4mm Tempered Hardboard is not fire rated as part of a fire protected boundary or fire wall.

Conditions of use

Trade Essentials[®] 4.5mm Tempered Hardboard MUST NOT be used for:

- Exterior applications
- Areas subjected to repeated water spill or constant dampness
- Marine use
- Shower linings, saunas, indoor pools
- Window reveals

Trade Essentials[®] 6.4mm Tempered Hardboard panels are not waterproof and therefore must not be allowed to come in direct or prolonged contact with water.

The panels must be finished with a protective coating prior to occupation of the building.

Adequate pre-conditioning prior to installation and precise following of installation instructions are essential for satisfactory results, especially during wet seasons and high humidity.

Due to the uptake of airborne moisture, permanent board distortion may occur if Trade Essentials[®] 6.4mm Tempered Hardboard is placed in close proximity to framework with moisture content exceeding 18%.

Supporting documentation

The following additional documentation supports the above statements:

Title (type)	Version	URL
Standard Hardboard Brochure	J010529 02/23	Click here
Hardboard Warranty	March 2021	Click here
Tempered Hardboard Fire Test	11/06	Click here
Tempered Hardboard Safety Data Sheet	11/2020	Click here

Contact details

Manufacture location	Overseas
Manufacturer	Betnazos HB S.L
Address for service	Carretera Betanzos-Santiago Km 3, 15300 Infesta (Betanzos) A Coruña Spain
Manufacturer website	https://www.betanzoshb.es
Manufacturer email	export@betanzoshb.es
Manufacturer phone number	+34 981 779 802 (international inquiries)
Manufacturer NZBN	N/A

Importer / distributor location	New Zealand
Legal and trading name of distributor	Fletcher Building Products Limited (company number 952008), trading as Laminex [®] NZ.
Distributor address for service	810 Great South Road Auckland 1061 New Zealand
Distributor website	laminex.co.nz
Distributor email	CSC@laminex.co.nz
Distributor phone number	0800 303 606
Distributor NZBN	9429037626969

Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No
