Class 1

Melteca® FR Low Pressure Laminate (LPL)

Substrate – FR Medium Density Fibreboard (MDF)

Building Products Information Requirements | Info. Sheet

Version: Melteca® FR V2 24.08.26

Product name	Melteca® FR
Product line	
Product identifier	Melteca® on Fire rated MDF substrate

Place of manufacture

Aotearoa New Zealand	**Ü**
Overseas	

Product description

Melteca® FR is manufactured by laminating melamine saturated paper to both faces of a fire rated medium density fibreboard (MDF) substrate. Melteca® FR is suited to vertical applications (wall linings) where fire performance is required. Melteca® FR is available in all standard Melteca® decors. Sheet size of 2440x1220x18mm

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (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

G3 Food preparation and prevention of contamination — G3.3.2 (a)

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Contributions to compliance

Melteca® FR is designed for interior wall linings where fire performance as detailed in NZBC Clause C - Protection from Fire, is required. Please refer specifically to:

C/AS2 -C3 - fire affecting areas beyond the fire source C3.4 (a)

Melteca® FR has a Material Group Number of 1s Refer test report FH5026

CONTROL OF INTERNAL FIRE AND SMOKE SPREAD 4.17 Interior surface finishes, floor coverings and suspended flexible fabric- Table 4.3

B2 Durability: Performance B2.3.1 (c) for 5 years when stored, handled, used, and maintained in accordance with the Melteca® FR Technical Data Sheet Melteca® FR panels will meet these requirements. Laminex NZ manufactures to the AS/NZS 1859:3:2017 when producing decorative panels, and carries out testing in accordance with AS/NZS 4266.2:2017

Scope of use

Melteca® FR panels are primarily intended for use as an interior decorative wall lining, where fire performance of the surface is required.

Melteca® FR can be fixed using mechanical fasteners and adhesive or a third party concealed mounting system.

For fabrication and installation please refer to Melteca® FR TDS

Conditions of use

Melteca® FR is:

- not intended for exterior use
- not intended for use in high humidity or wet applications such as saunas or shower/wash down rooms
- not for use where the substrate could come into contact with water. Failure to keep dry will affect the performance of the panel
- not fire rated as part of a fire protected boundary or fire wall

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Supporting documentation

The following additional documentation supports the above statements:

Title (type)	Version	URL
Melteca® Fire Retardant Panels TDS	26.10.2023	Click here
Melteca® Fire Retardant Fire Test	FH5030 20 May 2013	Click here
Melteca® Warranty	October 2020	Click here
Melteca® Care and Maintenance Guide	14.11.2022	Click here
Melteca® Standard on MDF FR Formaldehyde Emissions	F-5.10.1.00	Click here
Melteca® with MDF FR Substrate Safety Data Sheet	20 August 2026	Click here

Contact details

Manufacture location	New Zealand

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Warnings and bans

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

No

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