

Briggs **FLAMEBLOCK™** FRMDF

FLAMEBLOCK™ FRMDF and Fire Rated Veneers

Briggs Veneers would like to announce that our veneers, combined with the new BRIGGS **FLAMEBLOCK™ FRMDF**, now meet **BCA Fire Hazard Group 2** requirements for commercial interiors (Class 2 to Class 9 buildings), fully backed up by comprehensive certificates. Advice from the Australian Building Codes Board (ABCB) is that you need a certificate for the *veneered* MDF (not the raw MDF, or just the veneer) that lists all species by name. Additionally, advice from the ABCB is that the every type/species of veneer on substrate (including every type of reconstituted veneer) needs to be included on the certificate/test report.

Briggs FLAMEBLOCK FRMDF is the only *veneered* Fire Retardant MDF that has Fire certificates for more than 180 veneers. We also have a full set of **Fire Hazard Group 3** certificates for our veneers on Standard MDF.

BCA requirements for interior cladding – FIRE HAZARD GROUP NUMBERS & veneer

The BCA requires that all (flammable) interior cladding materials for walls and ceilings in Class 2 to 9 Buildings must be rated for their Fire Hazard Group Number. Table 2 below sets out where the different Fire Hazard Group Numbers are required (Group 1 is the most fire resistant, Group 3 the least).

In summary, this table and associated Lift Interior requirements means that - **Fire Retardant panels certified to Fire Hazard Group 2 must be used in:**

- Lift Interiors in Class 2 to Class 9 Buildings (ie non-residential)
- Sprinklered Lobbies and Corridors in Hospitals, Aged Care facilities, Public Assembly Buildings and School Halls.
- Unsprinklered Lobbies and Corridors in Apartments, Schools, Offices and Shops.

How Briggs fire certificates and FLAMEBLOCK™ FRMDF enable you to meet the BCA requirements

BCA FIRE HAZARD GROUP 1

The *raw* or *painted* **FLAMEBLOCK™ FRMDF** is **Fire Hazard Group 1**, but on veneering drops to Group 2. See the [Group 1 Certificate for raw FLAMEBLOCK™ FRMDF](#)



**Raw FLAMEBLOCK™ FRMDF
- BCA Fire Hazard Group 1 -**
Note the **pink colour** of the FLAMEBLOCK™

BCA FIRE HAZARD GROUP 2

- **Face/Back Veneer:** Briggs' veneers from our Natural Timber Veneer, *TrueGrain* & *eco-cert* ranges as listed on the Group 2 Certificates below*
- **Substrate:** Briggs **FLAMEBLOCK™ FRMDF** 12mm or 18mm. Other thicknesses available soon or by special order.

* **Group 2 Fire Certificates** with species/veneer listings:

- [Group 2 *TrueGrain* on FLAMEBLOCK - EWFA Certificate SFC 23754A-00](#)
- [Group 2 *Natural Timber Veneer* on FLAMEBLOCK – EWFA Certificate SFC 23754B-00](#)
- [Group 2 *eco-cert* on FLAMEBLOCK - EWFA Certificate SFC 23754C-00](#)

Our Group 2 Certificates only apply if Briggs FLAMEBLOCK™ FRMDF and Briggs' veneers are used, and these certificates are not transferable to other supplier's veneers or substrates.



Veneered FLAMEBLOCK™ FRMDF
- BCA Fire Hazard Group 2 -

BCA FIRE HAZARD GROUP 3

- **Face/Back Veneer:** Briggs' veneers from our Natural Timber Veneer, *TrueGrain* & *eco-cert* ranges as listed on the Group 3 certificates below**.
- **Substrate:** Standard MDF (12mm and thicker)

** **Group 3 Fire Certificates** with species/veneer listings:

- [Group 3 *TrueGrain* on STD MDF - BWA Certificate SFC 23077A-00](#)
- [Group 3 *Natural Timber Veneer* on STD MDF – BWA Certificate SFC 23077B-00](#)
- [Group 2 *eco-cert* on STD MDF – BWA Certificate SFC 23077C-00](#)

Our Group 3 Certificates only apply if Briggs' veneers are used, and are not transferable to other supplier's veneers.

More on FLAMEBLOCK™ FRMDF

- Low (E1) formaldehyde level
- PEFC certified for sustainability. ([View PEFC certificate](#))
- Sizes - 3050mm x 1220mm and 2440mm x 1220mm, in 12mm and 18mm
- [FLAMEBLOCK™ Material Safety Data Sheet](#)
- [FLAMEBLOCK™ Product Data Sheet](#)

TABLE 2 - FIRE HAZARD GROUP NUMBERS REQUIRED
Wall and Ceiling Lining Materials - Class 2 to Class 9 Buildings –
BCA 2008 Volume One – Specification C1.10a

Class of building	Fire-isolated exits	Public corridors		Specific areas		Other areas
	Wall/ceiling	Wall	Ceiling	Wall	Ceiling	

Class 2 or 3 - Excluding accommodation buildings for the aged, people with disabilities and children						
Unsprinklered	1	1, 2	1, 2	1, 2, 3	1, 2, 3	1, 2, 3
Sprinklered	1	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3
Class 3 or 9a - Accommodation buildings for the aged, people with disabilities and children or health care buildings						
Unsprinklered	1	1	1	1, 2	1, 2	1, 2, 3
Sprinklered	1	1, 2	1, 2	1, 2, 3	1, 2, 3	1, 2, 3
Class 5,6,7,8 or 9b schools						
Unsprinklered	1	1, 2	1, 2	1, 2, 3	1, 2	1, 2, 3
Sprinklered	1	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3
Class 9b other than schools						
Unsprinklered	1	1	1	1, 2	1, 2	1, 2, 3
Sprinklered	1	1, 2	1, 2	1, 2, 3	1, 2, 3	1, 2, 3
Class 9c aged care buildings						
Unsprinklered	Unsprinklered - <i>Class 9c unsprinklered buildings not permitted</i>					
Sprinklered	1	1, 2	1, 2	1, 2, 3	1, 2, 3	1, 2, 3

LIFT Cars - BCA Specification C1.10a - Section 4

In a lift car, the fire hazard properties of materials used as wall & ceiling linings must be a **Group 1** or **Group 2** material.

Coatings and Joinery - BCA Section C1.10 - Fire Hazard Properties

Paint or fire-retardant coatings must not be used to make a substrate comply with the required fire hazard properties. (NSW C1.10). The (Fire Hazard) requirements do not apply to a material or assembly if it is a joinery unit, cupboard, shelving or to paint, varnish, lacquer or similar finish, other than nitro-cellulose lacquer (which should be excluded from specifications for walls and ceilings)

These interpretations of the BCA are to the best of our knowledge and are presented a guide only. Briggs makes no guarantee or assurances of this interpretation. To be certain of BCA requirements, please contact a qualified building certifier/BCA professional specialist