

# Briggs FLAMEBLOCK™ FRMDF

## **BCA Fire Compliance for interior veneered panels - Be safe, be sure – specify Briggs FLAMEBLOCK™ FRMDF**

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. Additionally, because it is PEFC certified for sustainability, FLAMEBLOCK FRMDF can contribute to the Green Building Council's revised Greenstar Timber Credit <http://www.gbca.org.au/green-star/materials-category/green-building-council-of-australias-revised-timber-credit/2693.htm>

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

The BCA requires that all (flammable) interior cladding materials used 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). To comply with the BCA, suppliers need to provide Fire Hazard certificates/test reports for their products. Advice from the Australian Building Codes Board (ABCB) is that these certificates/test reports need to cover the *Product System*. In the case of veneer, this means that the substrate with the veneer glued onto it must be tested/certified (the Fire test result for just the raw veneer or raw MDF is not acceptable). Additionally, every species of veneer on substrate (including every type of reconstituted veneer) needs to be included on the certificate/test report.

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

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## *HOW to SPECIFY to get:*

### **BCA FIRE HAZARD GROUP 1**

The *raw* or *painted* FLAMEBLOCK™ FRMDF is Fire Hazard Group 1, but on veneering drops to Group 2. The Group 1 Certificate for raw FLAMEBLOCK™ FRMDF – *will soon be available on our web-site*. Fire Hazard Group 1 Materials are required in very few places - refer to Table 2 above.

### **BCA FIRE HAZARD GROUP 2**

- **Face/Back Veneer:** Briggs' veneers from our Natural Timber Veneer, *TrueGrain* & *eco-cert* ranges as listed on the attached Group 2 Certificates\*
- **Substrate:** Briggs FLAMEBLOCK™ FRMDF 12mm or 18mm

\* **Group 2 Fire Certificates** with species/veneer listings attached or available on request:

- 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 transfer able to other supplier's veneers or substrates.

### **BCA FIRE HAZARD GROUP 3**

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

\*\* **Group 3 Fire Certificates** with species/veneer listings attached or available on request:

- 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 3 *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.

### **OTHER COMPLIANCE CERTIFICATIONS**

Briggs FLAMEBLOCK™ FRMDF is low (E1) formaldehyde level and PEFC certified for sustainability (Chain of Custody # SGS-PEFC/COC-0113) and so can contribute to the GBCA's revised *Greenstar* Timber Credit <http://www.gbca.org.au/green-star/materials-category/green-building-council-of-australias-revised-timber-credit/2693.htm>

For more information on FLAMEBLOCK™ see our Product Data Sheet and Material Safety Data Sheet

# BRIGGS VENEERS

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