

Fire Rating Guide

In relation to the European Standards EN-13501-1

Fibre
Cement

EQUITONE	A2-s1,d0
Cedral	A2-s1,d0
Cembrit	A2-s1,d0

	Standard	Fire Rated
Rockpanel	B-s2,d0	A2-s1,d0*

* If greater than or equal to 8mm and used with a metal frame

Mineral
Wool

HPL

	Standard	Fire Rated
Trespa	D-s2,d0	B-s2,d0*
FunderMax	B-s2,d0	
Formica VIVIX	D-s2,d0	B-s1,d0

* If greater than or equal to 8mm and used with a metal frame

Wood
Veeners

	Standard	Fire Rated
Parklex	C-s2,d0	B-s1,d0
Prodema	C-s2,d0	B-s1,d0

Fibre
Glass

EQUITONE	A2-s1,d0
Cedral	A2-s1,d0
Cembrit	A2-s1,d0

	Standard	Fire Rated
Werzalit Seleкта	D-s2,d2	B-s3,d0
Werzalit Siding	D-s2,d2	B-s3,d0
Werzalit Square	D-s2,d0	B-s2,d0

Wood
Acrylate

Continued
Overleaf

	Standard	Fire Rated
Vitrabond A2	A2-s1,d0	
Vitrabond G2	A2-s1,d0	
Larson	Class E	B-s1,d0
Larson A2	A2-s1,d0	
Viroc	B-s1,d0	

Fire Ratings Explained

Throughout this guide, BBS Facades have quoted fire ratings against all the featured manufacturers in accordance with European Standards EN-13501-1. All our cladding manufacturers have carried out appropriate testing which results in a classification for their product, ranging from A2 to E.

We recommend checking that the cladding product you are specifying, or installing, carries the appropriate fire rating required by building regulations for your type and height of building. Always be sure to request a copy of the manufacturers' classification reports and Declaration of Performance for confirmation of compliance. BBS Facades can assist you with the process.

Please see the below table which we found helpful in explaining the different fire classifications and what the letters stand for:

A1	Non-combustible materials
A2	Non-combustible materials
B	Combustible materials - very limited contribution to fire
C	Combustible materials - limited contribution to fire
D	Combustible materials - medium contribution to fire
E	Combustible materials - high contribution to fire
F	Combustible materials - Easily flammable

The 'd' part of the rating relates to 'flaming droplets and particles' during the first 10 minutes of exposure. The index is:

d0 = none
d1 = some
d2 = quite a lot

The 's' part relates to total smoke propagation, during the first 10 minutes of exposure. These determine a 'smoke' index:

s1 = a little or no smoke
s2 = quite a lot of smoke
s3 = substantial smoke

For buildings over 18 metres in height, BBS Facades recommends cladding products that are fire rated A2 or above. Remember to bear in mind the insulation material and the framing system will have an impact on the overall fire performance of the building.

All manufacturer fire ratings have been checked against the relevant technical documentation and/or certification supplied by the manufacturer, either sourced directly or via their websites.

We advise you to reconfirm with a BBS Facades representative at the time of your enquiry.