Notified Body No.1121

Certificate of Constancy of Performance

1121-CPR-UK BB7855

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product:

"Flame Retardant Euro B Grade MDF (4 – 9mm)"
"Flame Retardant Euro B Grade L-MDF (12 – 25mm)"
"FR CLEAR - MDF (6 – 25mm)"

Intended use: Wood Based Panels

Product Performance

"Flame Retardant Euro B Grade MDF (4 – 9mm)"

Essential characteristics	Performance	Harmonised technical specification
Internal bond (N/mm^2)	0.65	EN 13986:2004
Swelling in thickness (24hr) %	17	
Release of formaldehyde	E1	
Reaction to fire	B-s2-d0 (Classification report No: 173256, 409649)	
Water vapour permeability μ	NPD	
Airborne sound insulation (surface mass) (R)	NPD	
Sound absorption Frequency range 250Hz to 500Hz (α)	NPD	
Sound absorption Frequency range 1000Hz to 2000Hz (α)	NPD	
Thermal conductivity	NPD	
Biological durability	Use class 1	
Release (content) of pentachlorophenol (PCP)	≤5ppm	

Certificate of Constancy of Performance

1121-CPR-UK BB7855

"Flame Retardant Euro B Grade L-MDF (12 – 25mm)"

Essential characteristics	Performance		Harmonised technical specification
	Thickness (mm)		EN 13986:2004
	>12 to 19	>19 to 25	
Internal bond (N/mm^2)	0.45	0.45	
Swelling in thickness (24hr) %	14	12	
Release of formaldehyde	E1	E1	
Reaction to fire	B-s1-d0 (Classification report No: 312618, 345947)		
Water vapour permeability μ	NPD	NPD	
Airborne sound insulation (surface mass) (R)	NPD	NPD	
Sound absorption Frequency range 250Hz to 500Hz (α)	NPD	NPD	
Sound absorption Frequency range 1000Hz to 2000Hz (α)	NPD	NPD	
Thermal conductivity	NPD	NPD	
Biological durability	Use Class 1	Use Class 1	
Release (content) of pentachlorophenol (PCP)	≤5ppm	≤5ppm	

Certificate of Constancy of Performance

1121-CPR-UK BB7855

"FR CLEAR - MDF (6 – 25mm)"

Essential characteristics	Performance	Harmonised technical specification
	Thickness (mm)	EN 13986:2004
	6 to 25	
Internal bond (N/mm^2)	0.65	
Swelling in thickness (24hr) %	14	
Release of formaldehyde	E1	
Reaction to fire	B-s2-d0 (Classification report No: 340780 Issue 5)	
Water vapour permeability μ	NPD	
Airborne sound insulation (surface mass) (R)	NPD	
Sound absorption Frequency range 250Hz to 500Hz (α)	NPD	
Sound absorption Frequency range 1000Hz to 2000Hz (α)	NPD	
Thermal conductivity	NPD	
Biological durability	Use Class 1	
Release (content) of pentachlorophenol (PCP)	≤5ppm	

Product Specification (See Page 5)

Certificate of Constancy of Performance

1121-CPR-UK BB7855

Placed on the Market under the Name of

Medite Europe DAC
Redmondstown
Clonmel
Co. Tipperary
Ireland
and produced in the manufacturing plant

P/010

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the Assessment and Verification of Constancy of Performance described in Annex ZA of the standard(s):

EN 13986:2004

Under System 1 for the performance set out in this certificate are applied and that the Factory Production Control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **17/02/2022** and re-issued **20/05/2022** and will remain valid as long as neither the designated standard, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Approved Product Certification Body.

UKCA certificate valid to: **20/08/2022**

Paul Duggan
Certification Manager

Warringtonfire Testing and Certification Limited
Suite 302, The Genesis Centre, Birchwood, Warrington, WA3 7BH, UK

Certificate of Constancy of Performance

1121-CPR-UK BB7855

Product Specification

"Flame Retardant Euro B Grade MDF (4 – 9mm)"

General description	Flame retardant grade medium density fibreboard MDF)
Trade name	MEDITE FR – Euro B
Thickness	4 to 9mm
Density	750 ± 30kg/m3
Type of wood fibre	Pine & spruce
Flame retardant details	See 'Note 1' below
Brief description of manufacturing process	The wood chips are ground into fibre under steam pressure then the liquid resin, FR chemical and wax sizing agent are added to the wet fibre which is then dried and formed into a mat. This is then pressed under heat and pressure to form the MDF panel.

"Flame Retardant Euro B Grade L-MDF (12 – 25mm)"

Generic type	Flame retardant grade medium density fibreboard (MDF)
Product reference	"MEDITE PREMIER FR - Euro B"
Thickness	12 to 25mm
Density	630 ± 25kg/m^3
Type of wood	Pine and Spruce
Flame retardant details	See Note 1 below
Brief description of manufacturing process	The wood chips are ground into fibre under steam pressure then the liquid resin, FR chemical and wax sizing agent are added to the wet fibre which is then dried and formed into a mat. This is then pressed under heat and pressure to form the MDF panel.

"MEDITE FR CLEAR (6 – 25mm)"

General description	Flame retardant grade medium density fibreboard (MDF)
Product reference	"MEDITE FR CLEAR"
Thickness	6 to 25mm
Density	740 ± 30kg/m^3
Type of wood	Pine and Spruce
Flame retardant details	See Note 1 Below
Brief description of manufacturing process	The wood chips are ground into fibre under steam pressure. Then the liquid resin, flame retardant chemical and wax sizing agent are added, dried and the fibre is formed into a mat. This is then pressed under heat and pressure to form the MDF panel.

Note 1: The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are held on the confidential file relating to this investigation.

---------- End of Certificate ----------