

Fletcher Protect® Party Wall Stonewool Batts

Fire-rated party wall insulation

Description

Fletcher Protect® Party Wall stonewool batts are constructed from non-combustible (unfaced) stone wool technology and are specifically designed for fire rated building elements, such as party or separating wall constructions between adjacent tenancies in Class 1 buildings.

Application

Fletcher Protect® Party Wall stonewool batts are intended for use where the NCC requires the use of a mineral wool to pack gaps between the top of a fire resisting, separating wall construction and the underside of a non-combustible roof membrane. Fletcher Protect® Party Wall stonewool batts should be fitted with a minimum of 20% compression leaving no voids.

All Fletcher Protect® Party Wall stonewool batts must be installed as per the architectural specification.

Product data

Type	Thickness mm	Width mm	Length mm	Pieces per pack	Product code
Batt	50	300 x 2	1200	8	4010579 (938020)

Physical properties

Property	Test method/standard	Result	Unit
Nominal density		40	Kg/m ³
Thermal conductivity @ mean 23°C	ASTM C518/AS/NZS4859.1	≤ 0.04	W/mK
Water vapour absorption	ASTM C1104	≤ 0.04	% by volume

Fire hazard properties

Fletcher Protect® Party Wall stonewool batts exhibit the following characteristics when tested in accordance with the following standards:

Property	Test method/standard	Result
Combustibility	AS 1530.1	Non-combustible

Acoustic performance

Sound absorption

Fletcher Protect Party Wall batts achieve the following sound absorption coefficients when tested in accordance with AS ISO 354:

Product	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	α _w
Fletcher Protect®	0.2	0.6	1.0	1.0	1.0	1.0	1.0	0.9

Health and safety

Fletcher Protect® Party Wall stonewool batts contain no substances which at their given concentration, are considered to be hazardous to health. Refer to SUIS for more information.

Environmental properties

Fletcher Insulation avoids the use of Ozone Depleting Potential (ODP) substances in the composition of stonewool insulation products. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality. The product's chemical composition and the manufacturing of this product does not contain nor produce ozone depleting substances such as CFCs, or HCFCs. Fletcher Protect® Party Wall products do not contain asbestos.

Technical specification

When specifying, please state the following:

The insulation material shall be Fletcher Protect® Party Wall stonewool batts/blanket _____x_____x_____mm
(specify nominal thickness, width and length).

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