



LANCASTER INSULATION

Lancaster Insulation Lamella Roll

Description

The MC Resources Lamella is manufactured from non-combustible Euroclass A1 rock mineral wool. A strong resilient mattress consisting of strips of the rock mineral wool at density of either 45 kg/m³ or 60 kg/m³ assembled by placing the strips at 90 degrees from the original fiber orientation to increase compression resistance. The pieces are then bonded to one of the optional foil/scrim faces detailed below.



Applications

The Lancaster Insulation Lamella roll has been specifically designed as a versatile insulation option for Heating and ventilation applications pipe/ duct work and other curved surfaces where high surface contact is required on irregular shapes.

Facing options

- (Class 0 foils) options standard silver foil/Black lacquered foil/ White lacquered foil
- Black and white Spunbonded tissue faced scrim
- Black and White Glass tissue

Supply sizes (standard options) non standard sizes available on request

Standard Roll options

	part no	Part no	Roll	Roll
Thickness	45 kg/m ³	60 kg/m ³	Width	Length
25mm	MCLM/025/45	MCLM/025/60	1200	10 m
30mm	MCLM/030/45	MCLM/030/60	1200	8.15 m
40mm	MCLM/040/45	MCLM/040/60	1200	6.00 m
50mm	MCLM/050/45	MCLM/050/60	1200	5.00 m
60mm	MCLM/060/45	MCLM/060/60	1200	4.5 m
75mm	MCLM/075/45	MCLM/075/60	1200	4.00 m
80mm	MCLM/080/45	MCLM/080/60	1200	3.5 m
100mm	MCLM/100/45	MCLM/100/60	1200	2.5m

Thermal performance

Mean Temperature C	Lambda W/m.K
50	0.043
100	0.053
150	0.065
200	0.079
250	0.098
300	0.121
350	0.151

Relevant standards

Fire Resistance Euroclass A1 – BS EN ISO 13501-1
Stone wool non-combustible to BS 3533:1981

Non-combustible to BS:476 part 4:1970(1984)
class 1 surface spread of flame BS476:part 7 1997
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