



Makrolon 16 mm / 25 mm Multi-link Non-Fragile (ACR(M)001:2014, Class B)

Generated on 22.06.2018

Detailed description

Multi link panels are a light weight, modular, inter locking roof glazing system and are non-fragile to ACR(M)001:2014.

Panels are glazed with 16 or 25 mm polycarbonate, light weight, impact and weather resistant, and easy to install.

Product guidance - As Standard

Material:

Extruded aluminium bars to BS 1474.

Finish:

Polyester powder coating to BS 6496.

Panel width:

- ML16NF (16 mm): 990 mm.
- ML25NF (25 mm): 1245 mm.

Fire performance:

Class 1Y to BS 476 Part 7: 1997 surface spread of flame.

Fragility rating:

Panels tested in accordance with ACR[M]001:2014 and Classified as 'Class B non-fragile assembly'.

Primary cladding fixings:

Stainless steel self-tapping screws as recommended by Twinfix.

Maximum unsupported span:

3200 mm down the slope, 990 mm panel width (assumed loadings; wind - 0.9 kN/m²; snow - 0.5 kN/m²). 2800 mm down the slope, 1245 mm panel width.

Maximum unsupported overhang:

150 mm.

Minimum Pitch:

- ML16NF (16 mm): 10°.
- ML25NF (25 mm): 5°.



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General:

- ML16NF (16 mm):

- UV protection: To both sides of sheet.
- Sound reduction index: 18 dB.
- Light transmission: Clear 74%; opal 62%; bronze 30%.
- Total energy transmission: Clear 70%; opal 62%; bronze 49%.

- ML25NF (25 mm):

- UV protection: To both sides of sheet.
- Sound reduction index: 18 dB.
- Light transmission: Clear 49%; opal 40%; bronze 13%.
- Total energy transmission: Clear 48%; opal 42%; bronze 32%.

Product specification

Manufacturer

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Product reference Makrolon 16 mm / 25 mm Multi-link Non-Fragile (ACR(M)001:2014, Class B)

Type ML16NF - 16 mm Makrolon Triplewall Polycarbonate.
ML25NF - 25 mm Makrolon Fivewall Polycarbonate.

Colour

- Frame
- Infill (polycarbonate) Bronze
Clear
Opal

Accessories [None]
[Aluminium side trims]
[Eaves fillers]
[Head flashing]
[Mechanical end plates]
[Ridge flashing]



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