

**Marlon
Clickfix****NBS146**
Marlon Clickfix
NBS Specification

Manufacturer:	Brett Martin Daylight Systems Ltd., Sandford Close, Aldermans Green Industrial Estate, Coventry, CV2 2QU Tel: 024 7660 2022 Fax: 024 7660 2745 Email: daylight@brettmartin.com Web: www.daylightsystems.com
Product ref:	Marlon Clickfix
Type:	Modular interlocking 40mm thick 10 wall structured polycarbonate panel glazing system, with thermally broken perimeter frame and hidden clips to secure to structure.
Frame:	System is supplied with a perimeter frame of lightweight, thermally broken, extruded aluminium and hidden clips to secure panels against cladding rails / purlins with no requirement for glazing bars at panel joints. VF70 – for aperture height up to 8m / VF90 – for aperture height up to 12m.
Finish:	Mill finish or polyester powder coating (PPC).
Colour:	PPC to standard RAL colour or marine grade RAL colour from standard BMDS range.
Glazing details:	Nominal 500mm wide modular interlocking 40mm thick 10 wall structured polycarbonate panel glazing system. Available in Glass Clear or Pearlescent as standard (other colours available, subject to minimum order quantity). Available in 'BioPlus' lower carbon content variant. Light transmission: Glass clear 52% / Pearlescent 44% Variant: Standard / BioPlus Fire performance: Class B-s1,d0 (to EN13501-1) U value: 0.99 W/m ² K (centre pane) UV protection: Co-extruded UV outer layer to protect against UV discolouration
Building interface:	Marlon Clickfix system to be fixed to suitable cladding aperture / substrate designed and installed by others.

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Fixing: Strictly in accordance with Brett Martin Daylight Systems Installation details. Use only high quality stainless steel fasteners with sealing washer, of a type suitable for the substructure to which the Clickfix system is being fixed.

Special features:

Sound attenuation:	EN ISO 10140-2:2010 $R_w (C;C_{tr})=22 (-1;-1)$ dB (single skin)
Water tightness:	EN12155: R7 (600Pa) ASTM E 331-00 (2009) Static Water Penetration [No Leakage @ 720 Pa]
Air Tightness:	EN12114: $0.18\text{m}^3/\text{h}/\text{m}^2$ @50+Pa, $0.21\text{m}^3/\text{h}/\text{m}^2$ @-50Pa EN12153: A3 (450Pa) ASTM E 283-04 (2012) Static Air Leakage, Infiltration [q_A $0.79\text{m}^3/\text{h}/\text{m}^2$ @ 300 Pa]
Wind Load:	ASTM E 330/330M-14 Design Wind Load [No deformation or damage]