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## CERTIFICATE OF APPROVAL

### No CF 5947

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

**NEWMOR GROUP LTD T/A MORLAND**

**UNIT 10 BUTTINGTON CROSS ENT PARK, WELSHPOOL  
SY21 8SL**

**Tel: 01938 554020**

**Fax: 01938 556339**

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

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**CERTIFIED PRODUCT**  
**Morland QuickFix FD60**  
**Glazing Bead System**

**TECHNICAL SCHEDULE**  
**TS25 Fire Resistant Glass,**  
**Glazing Systems and Materials**

**Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited**

**Paul Duggan**  
**Certification Manager**

Issued: 25<sup>TH</sup> March 2021  
Valid to: 25<sup>th</sup> February 2024





## CERTIFICATE OF APPROVAL No CF 5947

### MORLAND QUICKFIX FD60 GLAZING BEAD SYSTEM

This Certificate of Approval relates to the fire resistance of the Morland QuickFix FD60 glazing system when used in timber door leaves, for a period of 60 minutes fire resistance, as defined in BS 476: Part 22: 1987 subject to the under mentioned conditions.

This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.

This product is approved on the basis of:

- i) Initial type testing.
- ii) A design appraisal against TS25.
- iii) Certification of quality management system to ISO 9001: 2015.
- iv) Inspection and surveillance of factory production control.
- v) Audit testing.

This Certificate of Approval must be read in conjunction with CERTIFIRE Technical Schedule TS25, Fire Resistant Glass, Glazing Systems and Materials.

Glazing System Specification	Glass Specification	Application	Fire Resistance Performance (mins)	
			Integrity	Insulation
Morland QuickFix FD60 Glazing Bead System	13 mm Pyrodur EW60-20	Any CERTIFIRE Approved Door*	60	0
Morland QuickFix FD60 Glazing Bead System	12 mm Pyrobelite 12	Any CERTIFIRE Approved Door*	60	30
Morland QuickFix FD60 Glazing Bead System	12 mm Pyrosec 12	Any CERTIFIRE Approved Door*	60	30

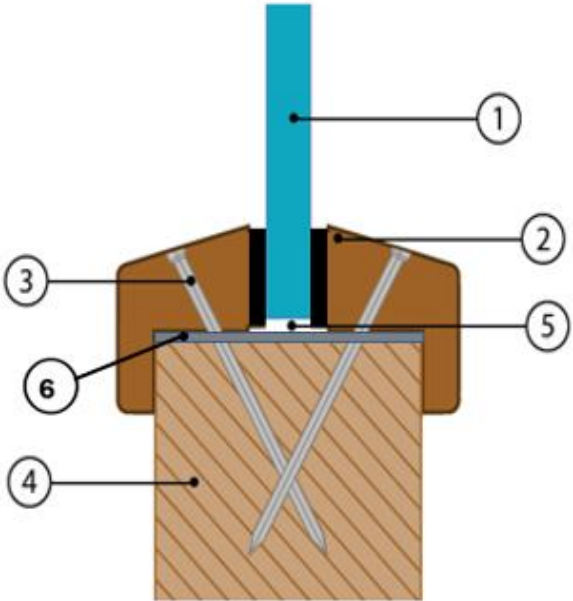
Table 1.

**\*Only solid timber based, or cellulosic cored doors are suitable. Cores incorporating voids or hollow tubes should not be glazed using this system unless a 6 mm hardwood aperture liner is fitted within the perimeter of the aperture.**

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### MORLAND QUICKFIX FD60 GLAZING BEAD SYSTEM

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification (please refer to Table 2 for glass specific requirements):

1	Glass (see Table 2 for type and allowable dimensions)	
2	<p>Morland QuickFix FD60 Glazing Bead system, comprising MDF beads and Closed Cell Foam Tape</p> <p><u>QuickFix Bead</u></p> <p>MDF bead with a minimum density of 700kg/m<sup>3</sup> with overall dimensions 30 mm high by 24 mm wide, incorporating a 10 mm high by 6 mm wide bolection and a 15° chamfer.</p> <p><u>QuickFix System</u></p> <p>Sealmaster Intumescent Closed Cell Foam Tape – 15 mm by 3 mm)</p>	
3	Ø1.6 x 50mm long steel gun fired pins or No. 8 x 50 mm long screws at 150 mm maximum centres and 50mm from corners (fixed at 45° to glass).	
4	Nominally 54 mm thick FD60 door leaf*	
5	Optional non-combustible setting blocks.	
6	Sealmaster 54 mm wide by 2 mm thick GL60 aperture liner	
Notes	<p>* The doorset shall be CERTIFIRE approved or have test evidence for the inclusion of apertures of the proposed dimensions. Only solid cored timber based or cellulosic (i.e. flaxboard/chipboard) cores are suitable for being glazed with this system and if desirable may include a timber/MDF liner. Note: Firesafe glass requires the use of a 6 mm thick hardwood aperture liner. <b><u>Cores incorporating voids or hollow tubes should not be glazed using this system unless a 6 mm hardwood aperture liner is fitted within the perimeter of the aperture.</u></b></p> <p>Care must be taken to ensure edge cover and expansion allowances for each specific glass are complied with.</p>	



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#### MORLAND QUICKFIX FD60 GLAZING BEAD SYSTEM

##### General Requirements

There is no restriction to the direction of exposure for the glazing methods i.e. the systems are symmetrical.

Any number of panes may be included in the door leaves covered below providing the door leaf is capable of supporting this principle.

The Morland QuickFix FD60 glazing bead system may be fitted in the manner described in this Certificate of Approval, to previously tested door leaves provided that the particular aspects of the door assembly are maintained. These are described below but are not exhaustive:

1. The doorset, including door frame and associated building hardware, should have achieved at least 60 minutes integrity when tested or subsequently assessed by one of the laboratories or approved by CERTIFIRE as acceptable for this purpose to BS 476: Part 22: 1987 or BS EN 1634-1.
2. If the proposed doorset is to be used in double-leaf configuration, the test or assessment evidence should be applicable to double-leaf configurations.
3. Likewise, if the proposed doorset is to be used in the unlatched configuration the available evidence should be applicable to unlatched doorsets.
4. The proposed doorset should also have included a glazed aperture or apertures of the intended size, shape, area, and number.
5. When used to glaze CERTIFIRE approved doorsets, which have smaller apertures than allowed in this certificate, the aperture sizes specified in the doorset certificate shall take precedence.
6. For installation within solid core doors (comprising chipboard, flaxboard or timber cores), no aperture liner is required. **Cores incorporating voids or hollow tubes should not be glazed using this system unless a 6 mm hardwood aperture liner is fitted within the perimeter of the aperture.**

In this way the proposed installation of the Morland QuickFix FD60 glazing bead system is not expected to affect the performance of the leaf.

##### Production

This approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application when appropriate.



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#### MORLAND QUICKFIX FD60 GLAZING BEAD SYSTEM

This Certificate of Approval relates to the sizes of various glass types as shown in Table 2 below, when used in conjunction with the above system. Maximum pane dimensions are also subject to the limitations given.

Glass	Performance Integrity / Insulation	Maximum Glass Height (mm)	Maximum Glass Width (mm)	Maximum Glass Area (m <sup>2</sup> )
Pilkington UK Ltd Pyrodur EW60-20 (13mm)	60/0	2106 (at 712 wide)	818 (at 1833 high)	1.50
AGC UK Ltd Pyrobelite 12 (12 mm)	60/30	2106 (at 712 wide)	818 (at 1833 high)	1.50
Promat UK Ltd Pyrosec 12 (12 mm)	60/30	2106 (at 712 wide)	818 (at 1833 high)	1.50

The aspect ratio of the glass may be unlimited within these aperture dimensions.

**Table 2. Maximum Permitted Glass Dimensions**