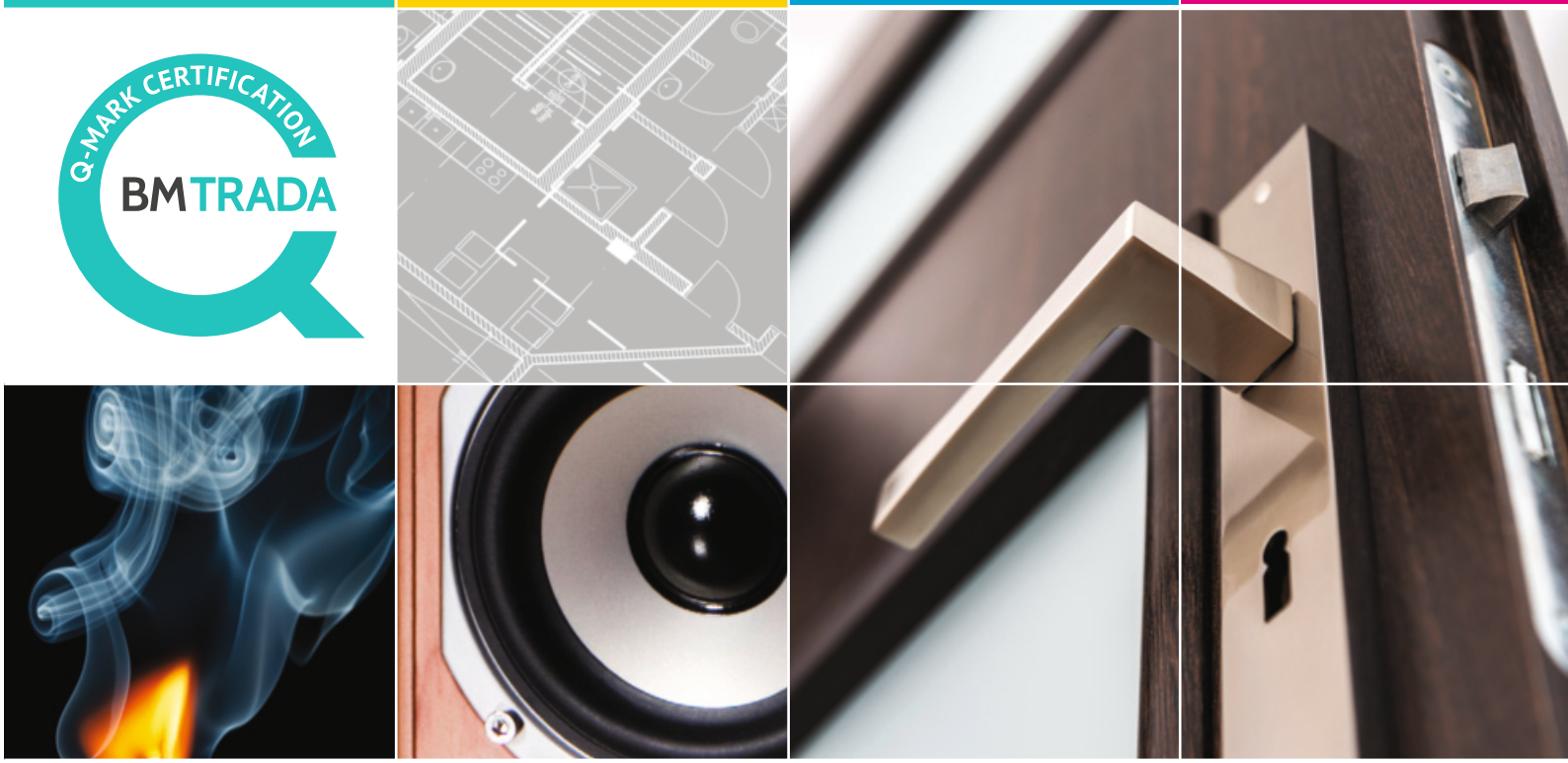
Strebord©

# Door Core Technical Manual

Version 9.1

**Strebord 35** FD30
**Strebord 44** FD30
**Strebord 54** FD60

FD30 FD60



Fire Door Manufacture

Certificate Number 006/020

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Fire Door Manufacture

**Falcon Panel Products Ltd**
Clock House
Station Approach
Shepperton
Middlesex
TW17 8AN

# Strebord© Technical Manual (Version 9.1)
# Validation of Data against Global Assessment Reports

The specifications of all pages within this technical manual which are marked with a "Q" have been checked against the following Global Assessment reports and verified to be correct:

| | |
|---|---|
| Chilt/A02066 Rev L | **Strebord©** 44 30 minute doorsets |
| Chilt/A02067 Rev H | **Strebord©** 54 60 minute doorsets |
| Chilt/A09104 Rev B | **Strebord©** 44 30 minute panelled doorsets |
| Chilt/A10152 Rev A | **Strebord©** 54 60 minute panelled doorsets |

The data contained in the Q-Mark designated sections of this manual can therefore be utilised in the following ways, provided that all of the assessments listed above are still valid, and have not been updated, revised or withdrawn:

1) By a fabricator who does not hold 3rd party certification under the Exova BM TRADA Q-Mark scheme to support the demonstration of conformance of their specification to the global assessment reports listed above. Whilst this may be acceptable for building regulations compliance, this does not infer 3rd party certification in any way, and the final product will not be covered by 3rd party certification in this instance.

2) By a Q-Mark Fire Door Scheme Certified Fabricator in support of their certification provided that the fabricator has these Global Assessments included in their scope of certification.

Supplementary data also contained in this manual (in Appendices) which does not hold the "Q" symbol has not been approved by Exova BM TRADA This therefore may not be used in support of 3rd party certification under the Exova BM TRADA Q-Mark fire door scheme.

| | | |
|---|---|---|
| *Signed on behalf of Exova BM TRADA* | *24th March 2016* | *23rd March 2019* |
| | *Validation Date:* | *Expiry Date:* |

# Strebord Technical Manual - Version 9.1

Strebord© Door Core

## About this Manual:

This Technical Manual has been prepared as part of Falcon Panel Products Ltd. commitment to users of Strebord©.

This Manual is intended for use as guidance and to assist in the identification of the standards and requirements applicable to the manufacture of doors and doorsets. Whereas reference is made to *'Building Regulations - England and Wales'* this is for guidance only. Separate building regulations apply in Scotland, Northern Ireland and in the Irish Republic. Local bye laws may also apply. The users of Strebord© should determine applicable regulations by reference to the particular project specifications. This manual also suggests methods for the handling and use of Strebord©

***NOTE 1: The contents of this manual shown with the "Q" icon or labelled as Q-Mark are approved by reference to current fire test / assessment data for the manufacture of fire doors under the Q-Mark third party accreditation scheme administered by BM TRADA. For the content of this manual that is not marked with this symbol, the information is advisory and may not apply for fire door applications.***
***NOTE 2: To maintain the Q-Mark status, the doorset manufacturer must be a member of the Q-Mark third party accreditation scheme. For various reasons, users of Strebord© may wish to be members of alternative third party accreditation schemes. Falcon Panel Products Ltd. provide support for users of Strebord© by making base test data available to alternative UKAS approved third party accreditation providers for this purpose.***

Queries relating to the use of Strebord© should be referred to:

***Head Office:***

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Station Approach,
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Middlesex TW17 8AN

**Tel: +44 (0) 1932 256580**
**Fax: +44 (0) 1932 230268**

Because of an ongoing commitment to develop Strebord©, the information contained in this manual may be amended without notice.
Please visit our web site at: **www.falconpp.co.uk** for updates recording the technical progress of Strebord©.

**NOTE:**
This manual is for guidance only. Falcon Panel Products Ltd. do not accept any liability in tort or otherwise resulting from any failure of Strebord© based products to satisfy any project performance requirements or for any damage howsoever caused resulting from the use of Strebord©.

Certificate No. FRTD427/01

Membership No. 064056

Approved Component Supplier

Falcon Panel Products Ltd. are members of ASDMA Architectural & Specialist Door Manufacturers Association

The mark of responsible forestry

PEFC/16-37-92

Certificate Number 006/020

Strebord carries FSC® certification, subject to availability

Strebord carries PEFC certification, subject to availability

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# Introducing Strebord©

**Strebord© is a multi layer particle board that is manufactured to the exacting standards demanded by Falcon Panel Products Ltd.**

**Strebord ©has been designed to provide a reliable core material for the manufacture of wooden doors to meet a wide range of performance requirements.**

**Strebord provides for ease of handling and use and can be converted into wooden doors to satisfy almost unlimited design requirements.**

**Strebord © is specifically designed for internal use, but can also be used as a core material for external applications.**

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Fire Door Manufacture

Q-MARK CERTIFICATION BMTRADA

UKAS PRODUCT CERTIFICATION 012

**Certificate Number 006/020**

### About 'Q Mark'

The 'Q' Mark Fire Door Scheme is a third party accreditation scheme designed to prove the worth of a manufacturer's products.

Manufacturers are required to have their products type tested and assessed to cover a product range. They then undergo periodic audits on their factory, with a full scale fire resistance test every three years.

Q-MARK CERTIFICATION BMTRADA

### 'Q' Mark Members:

When further processing Strebord© cores, the finished doorsets must fall within the scope of the global assessment data defined under the 'Fire Door Applications' Sections of this manual to maintain 'Q' Mark accreditation.

## VARIATIONS:

Due to the constant development of the Strebord© product, various sections of this manual may be amended from time to time.
The variations may take the form of Information Sheets or the replacement of complete sections.
This page provides a means for recording variations.

| Variation Ref: | Date | Section | NOTES |
|---|---|---|---|
| Vistamatic | Aug 15 | 6 Glass and glazing. | Inclusion of Vistamatics for FD 30 and FD 60 applications. |
| Tectus hinges | Aug 15 | 9 Hardware | Inclusion of Tectus concealed hinges on FD 30 applications only. |
| Tuscan flush pull handle | Aug 15 | 9 Hardware | Inclusion of the Tuscan Hardware flush pull handle on FD 30 and FD 60 applications. |
| Winkhaus Av2 multipoint lock | Aug 15 | 9 Hardware | Inclusion of the Winkhaus AV 2 multipoint locking system for FD 30 and FD 60 applications. |
| Sealed Tight Solutions Intumescent | Aug 15 | 4 Intumescents | Inclusion of Sealed Tight Solutions 15x4mm graphite Intumescent seals. |
| Sealed Tight Solutions lock protection | Aug 15 | 4 Intumescents | Inclusion of Sealed Tight Solutions hardware protection for FD 30 applications only. |
| Sealed Tight Solutions Glazing option | Aug 15 | 6 Glass and glazing | Inclusion of Sealed Tight Solutions glazing options for FD 30 and FD 60 applications. |
| Morland MDF bead option | Aug 15 | 6 Glass and glazing | Inclusion of the Morland MDF bead system for FD 30 applications only. |
| Streframe beading | Aug 15 | 6 Glass and glazing | Coverage applied for the use of Streframe timber for glazing beads, FD 30 and FD 60. |
| Strebord | Aug 15 | 2 Fire door applications | Permitted to produce an over rebated FD 30 doorset, 34x13mm rebate, European style door. |
| ISL Seals | Aug 15 | 2 Fire door applications | Increase in scope with further testing for Intumescent Seals Ltd. |
| CS Group | Aug 15 | Various | Scope increased for full Acrovyn encapsulation of a doorset. |
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Strebord©

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