

The solution that works



Strebord® 44 FD30, Strebord® 54 FD60 and Strebord® 54 FD90 are highly effective 1/2 hour, 1 hour and 1 1/2 hour fire resistant door cores which can be veneered, laminated or painted with minimum preparation.

They are very robust and manufactured to close tolerances to suit modern joinery processes.

They can be cut to size and delivered to site for quick, easy installation. The door core materials are also suitable for use as partitioning components.

Falcon Panel Products A comprehensive range

For product details, technical information and advice, please do not hesitate to contact us.

Strebord Door Cores

44mm FD30 1/2hr
54mm FD60 1hr
54mm FD90 1 1/2hr

Doorblanks

Flamebreak | Sentry | Mademar | Sincol

Strelam Door Size Decorative Laminate

Strelam Decorative Laminate

Strebord Flooring 38mm Mezzanine Decking P6 / P5

Treadsafe - Grey and Flek
FloorGuard - Grey and Clear
FloorGuard GRIP - Grey and Clear
Class 'O' Foil - Silver and White

Veneered Boards

MDF

STD | MR | Melamine Faced | FR

Chipboard

STD | Melamine Faced | Flooring Grade

Plywood

Far Eastern | Sheathing | Flexi | Marine

Russian Birch Plywood

All sizes and grades available

StreECO FSC Plywood

Blockboard / Laminboard

Hardboard

OSB 3

Square Edged and Tongue & Grooved

SureFlor T&G



Certificate Number 006/020



Certificate No. FRTD427/01



Approved Component Supplier

NORSOUND
SPECIALISTS IN ACOUSTIC DOOR SEALS

- Acoustic Perimeter Seals
- Acoustic Door Bottom Seals
- Acoustic Meeting Stile Seals
- Threshold Plates
- Acoustic / Fire Rated Letterplates
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- Retro-fit Safety Products
- Door Finger Protection

Tel: 01661 831 311
Fax: 01661 830 099
Email: sales@norsound.co.uk
www.norsound.co.uk



Falcon Panel Products Ltd

Head Office

Clock House
Station Approach
Shepperton, Middlesex
TW17 8AN
United Kingdom

T +44 (0)1932 256580
F +44 (0)1932 230268

E sales@falconpp.co.uk

Nottingham

Parkway House
Unit 4C, Blenheim Park
Blenheim Industrial Estate
Bulwell, Nottingham
NG6 8YP United Kingdom

T +44 (0)115 919 2000
F +44 (0)115 919 2100

www.falconpp.co.uk

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Strebord® Fire resistant door cores



Strebord®- the market leader

Strebord® particleboard is the market leader for 44mm FD30 and 54mm FD60/FD90 fire-rated, as well as 36mm and 44mm non fire-rated door cores.

Proven performance

Strebord cores have passed the industry's rigorous fire/mechanical & acoustic test standards. Strebord has been subjected to independent third party certification - the highest form of endorsement a product can achieve.



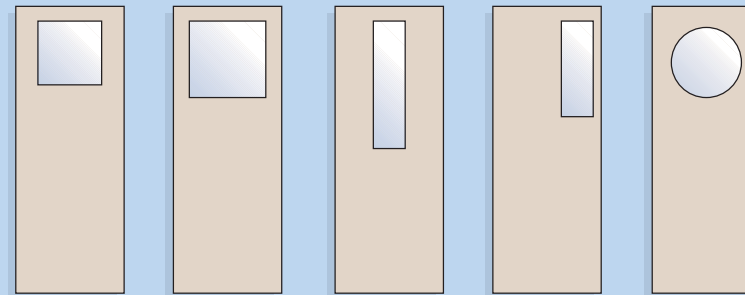
Adaptable and simple

A small number of ready to use parts minimises on-site installation times.

Features

- 1 Softwood, Hardwood, MDF and Steel Frames suitable for fire door applications.
- 2 Apertures easy to cut and install.
- 3 Strebord's precision finished surface meets the highest requirements and is a suitable base for paint, delicate veneers, thin foils and laminates.

Strebord Door Cores can accommodate a wide range of glazed aperture styles and sizes.



Strebord®- the eco-friendly door core of choice

Providing an environmentally responsible alternative to solid hardwood/softwood door cores.

Strebord provides a solution to sourcing your sustainable timber products and is both environmentally friendly and highly effective as a door, often outperforming solid hardwood/softwood door cores.



Technical specification

Strebord has been extensively tested for:

- **Fire - FD30 / FD60 / FD90** (FD90 specification on application)
- **Mechanical - DD171-PAS23 1 Cyclic 500,000**
- **Acoustic ratings up to 35dB**

Construction

Type	Three layer particleboard.			
Thickness	44mm - FD30	36mm - non fire rated		
	54mm - FD60	44mm - non fire rated		
Density	Average bulk density 620Kg/m ³			
Raw material (Wood content)	Recycled softwood / round logs from sustainable sources.			
E1	Complies with E1 Standard.			
Sheet sizes (Ex stock)	2060 x 840	2135 x 915	2440 x 915	2740 x 915
	2440 x 1220	3300 x 1000	2740 x 1850	

Fire

Complies with and exceeds BS 476 Part 22 for: Single/Double Leaf/Overpanels/Glazed Apertures/Panel Doors/Feature Grooves.

Frames FD30 - Softwood, Hardwood, MDF or Steel Frames.
FD60 - Hardwood, MDF or Steel Frames.

Classification for service life

Strebord meets the highest standards and is now approved and tested mechanically to prove its durability.

PAS 23 Successfully tested to 500,000 cycles with no evident degradation of the fixing of ironmongery.

DD171 & BSEN 1192 Strebord has been subjected to rigorous mechanical tests, meeting Severe Duty (Class 4) the highest standard for Timber Door Sets classification.

Category of duty	Example end use
Severe	Educational establishments
Heavy	Hospitals
Medium	Office
Light	Dwellings

The requirements for each test reflects the doorset's intended severity of duty, e.g. a large office building entry doorset completes more than 900,000 operations each year, doors in school corridors 100,000 operations or more and dwellings entrances greater than 5,000 operations. Similar variations exist for strength and dimensional demands and these are reflected in the test programme requirements.

Acoustics

With additional sealing, Strebord 44 and 54 can provide between RW 31dB and RW 35dB (BSEN ISO 171-1 1997) both glazed and unglazed.

For further technical information and advice, please do not hesitate to contact us. Or visit www.falconpp.co.uk



Tried and tested

Strebord door cores have passed the industry's rigorous fire resistance tests.