



**TRISOUND**  
**ACOUSTIC/FIRE DOOR CORES & BLANKS**

**FD30 (S3K) up to 44dB**

**FD60 (S3D) up to 41dB**

TRISOUND doorsets are the leading acoustic solution for timber doorsets up to Rw44dB and can be used in NFR, FD30 (S3K version) and FD60 (S3D version) applications. 30 minute fire rated door assemblies (in accordance with BS476 part 22) can be produced to well over standard leaf sizes with Rw44dB sound attenuation when tested to BS EN ISO 717-1:1997. TRISOUND S3K and TRISOUND S3D are available both as 44mm cores for factory assembly or as 54/57mm pre-constructed blanks ready to trim and edge.



- Fully-tested in variety of arrangements for fire & acoustic performance.
- Lightweight (~550Kg/m<sup>3</sup>).
- Stable construction – extruded core.
- Durable fixing - Up to 85mm timber perimeter on all sides.
- Acoustically tested up to Rw44dB (flush single leaf).
- Highly versatile for manufacture of various door designs and configurations.
- Available as 44mm cores or 54/57mm pre-constructed blanks.

**PERFORMANCE SUMMARY**

Core Variant	Composition			Thickness (mm)				Fire				App.		Max db (Rw)	PAS24 Security	Thermal Range	Certification				COC		Perimeter Framing	Recessed Panels		
	Particleboard	Solid Timber	Specialist	35	44	54	57	FD30	FD60	FD90	FD120	Internal	External				Certifire	Q Mark	IFCC	FSC	PEFC	EUTR			DD171/BS EN 1192	BS EN 13986
S3K	✓		✓			✓		✓				✓		44					✓	*	✓	✓		E1	✓	
S3D	✓		✓				✓		✓			✓		41					✓	*	✓	✓		E1	✓	

SCAN HERE



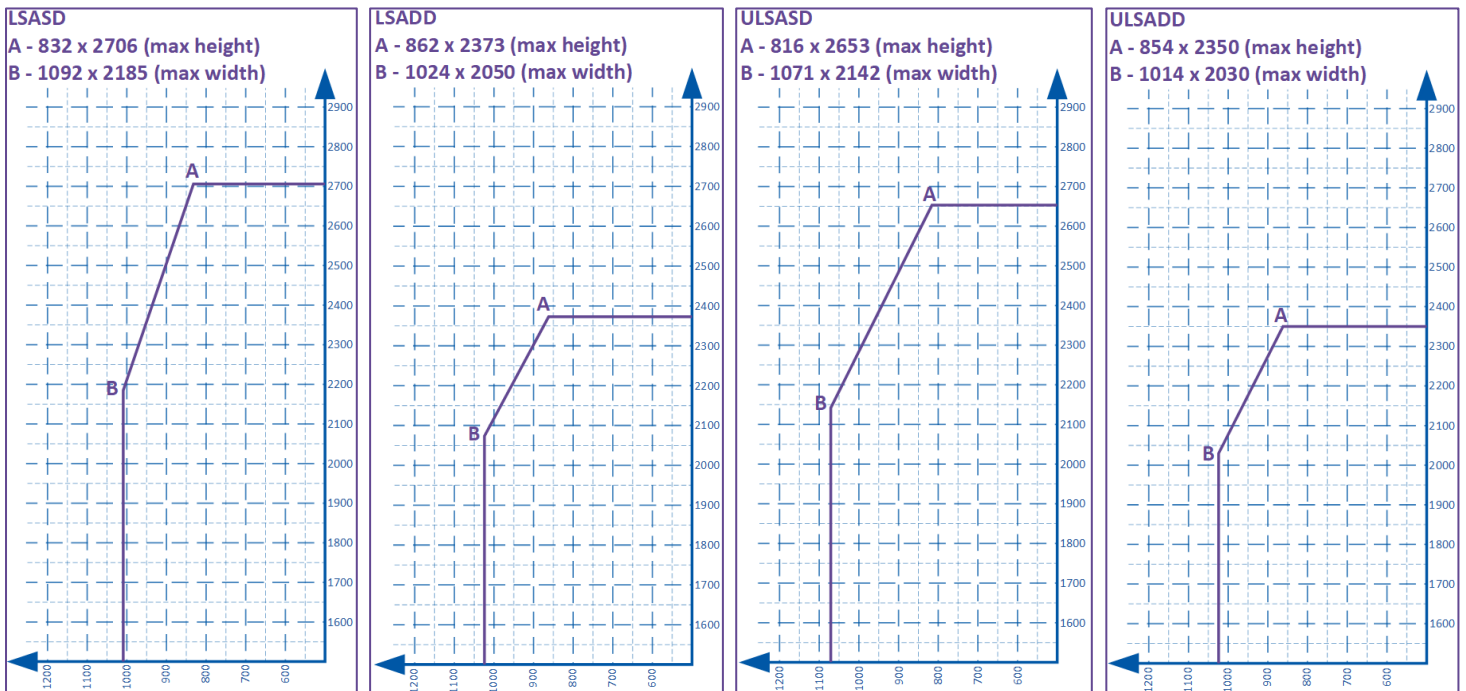
\*FSC available if specified at point of order

## TRISOUND S3K (FD30) 54mm

Config	Acoustic Seal(s)				Intumescent Seal(s)			Glass Type	dB (Rw) Rating
	Jambs	Head	M/S	Threshold	Jambs	Head	M/S		
Single Flush	NOR710 NOR720	NOR710 NOR720	n/a	NOR810	1 No 15x4	2 No 15x4	n/a	n/a	41dB
Single Flush	LAS1010	LAS1010	n/a	2 No LAS1011	1 No 15x4(DS)	2 No 15x4 (1 No DS)	n/a	n/a	43dB
Single Flush	STS1009	STS1009	n/a	STS422GT	1 No 15x4(BS)	2 No 15x4 (1 No BS)	n/a	n/a	44dB
Single Glazed	LAS1212	LAS1212	n/a	LASi8001	1 No 15x4(DS)	2 No 15x4 (1 No DS)	n/a	23mm Pyrostop	41dB
Pair Flush	NOR710 NOR720	NOR710 NOR720	2 No NOR720	NOR810	1 No 15x4	2 No 15x4	2 No 15x4	n/a	38dB
Pair Glazed	NOR710 NOR720	NOR710 NOR720	2 No NOR720	NOR810	1 No 15x4	2 No 15x4	2 No 15x4	15mm Pyrostop	36dB
Pair Glazed	FAS35	FAS35	See Int	Top Plus	1 No 15x4(DS)	2 No 15x4 (1 No DS)	2 No 15x4 (1 No DS)	15mm Pyrostop	38dB

The above acoustic and intumescent seal configurations are a summary of available performances only. Individual seal manufacturers may have carried out additional independent testing which they could make available to doorset providers.

### Fire performance as determined in IFC Field of Application Report PAR/12033/01 Revision A



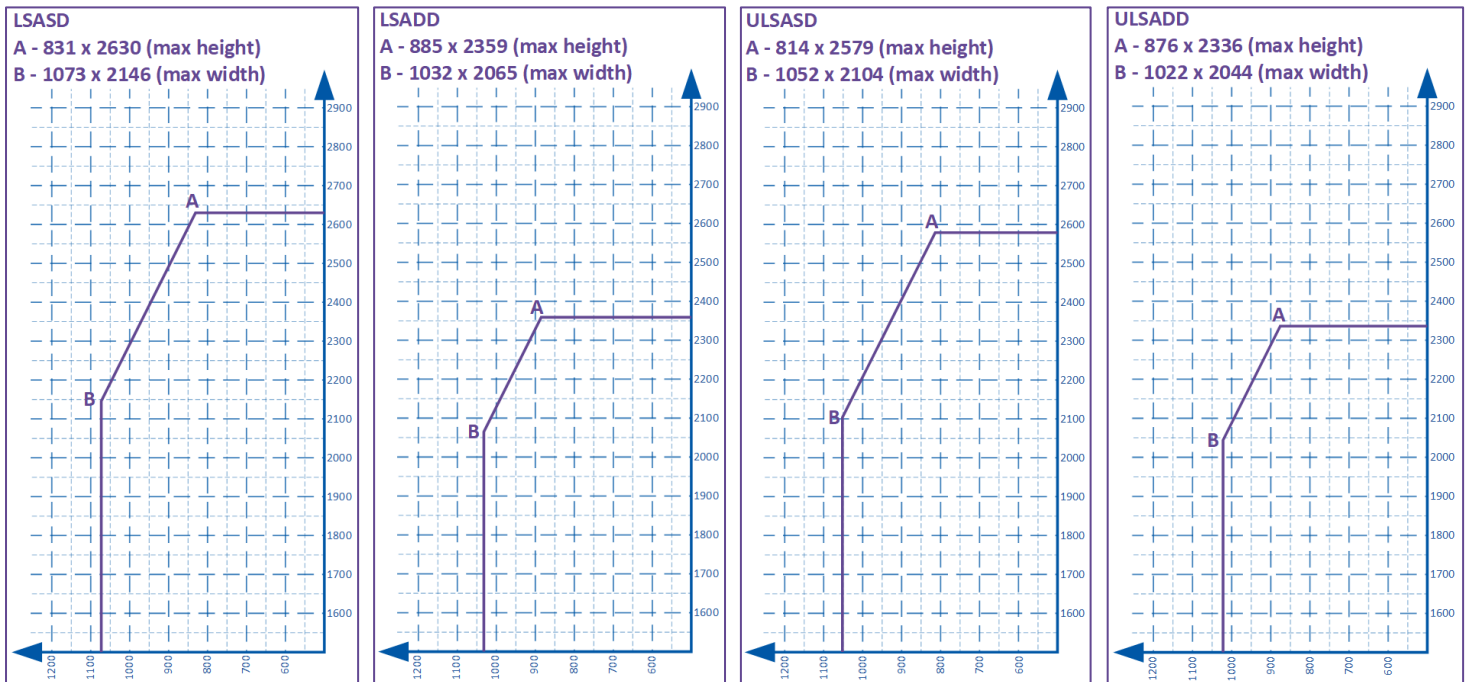
For access to all third-party evidence to support these performances and more, apply for a free account at [www.wizardoorer.co.uk](http://www.wizardoorer.co.uk)

## TRISOUND S3D (FD60) 57mm

Config	Acoustic Seal(s)				Intumescent Seal(s)			Glass Type	dB (Rw) Rating
	Jamb	Head	M/S	Threshold	Jamb	Head	M/S		
Single Flush	NOR710 NOR720	NOR710 NOR720	n/a	NOR810	2 No 15x4	2 No 15x4	n/a	n/a	40dB
Single Glazed	LAS1212	LAS1212	n/a	LASi8001	1 No 15x4(DS)	2 No 15x4 (1 No DS)	n/a	23mm Pyrostop	41dB
Single Glazed	NOR710 NOR720	NOR710 NOR720	n/a	NOR810	2 No 15x4	2 No 15x4	n/a	12mm Pyrobelite	40dB
Pair Flush	NOR710 NOR720	NOR710 NOR720	1 No NOR720	NOR810	2 No 15x4	2 No 15x4	n/a	n/a	40dB
Pair Glazed	NOR710 NOR720	NOR710 NOR720	1 No NOR720	NOR810	2 No 15x4	2 No 15x4	n/a	23mm Pyrostop	40dB

The above acoustic and intumescent seal configurations are a summary of available performances only. Individual seal manufacturers may have carried out additional independent testing which they could make available to doorset providers.

### Fire performance as determined in IFC Field of Application Report PAR/13088/01 Revision A



For access to all third-party evidence to support these performances and more, apply for a free account at [www.wizardoorer.co.uk](http://www.wizardoorer.co.uk)

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