

# TriSound S3K 40DB + Core

## Benefits, Advantages & Performance

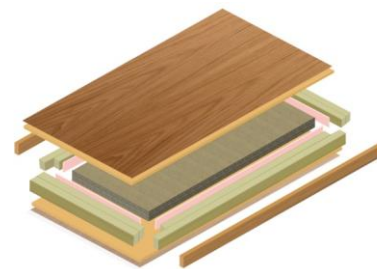


- Acoustically tested up to Rw43db  
(Glazed single leaf)
- Fully Tested including glazing and pairs, for both Fire & Acoustic performance



- 30 minute fire rating – see over for permissible sizes
- Can be manufactured to incorporate various door designs & Configurations

- 54mm Nominal thickness – Standard Size
- Lightweight (Around 550Kg/m<sup>3</sup>)
- Stable construction – Extruded core



- Durable fixing – Up to 90mm Timber perimeter on all sides
- Flexible and will not distort in storage or production
- Standard Seals – Easy to integrate into current production
- Retro fit possible (leaf & seals) into standard frame for 54mm door
- Practical and Easy to turn into a beautiful performance door/doorset

# AVAILABLE NOW

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### Typical Build Specification

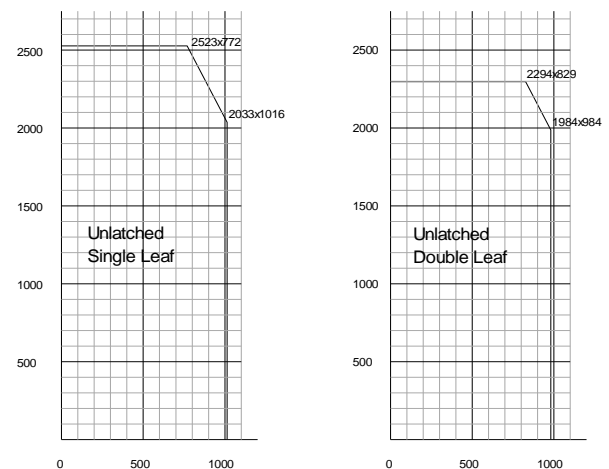
- TriSound dB+ blank
- Lip 4 edge (or Lip 2 edge if required) 6mm Hardwood
- Hardwood Veneer concealing lippings
- 83mm x 32mm Painted Softwood/MDF/lacquered Hardwood frame with matching 25mm x 12mm planted stop
- 4No 100mm lift-off/butt hinges
- Lock to suite situation
- Acoustic Seals and Fire/Smoke seals as required for performance (see below)

### Acoustic Seal Sets

Seal Sets	Head	Jamb	Base	M/S
A	NOR710	NOR710	NOR810	
B	NOR710 & NOR720	NOR710 & NOR720	NOR810	
C	NOR710 & NOR720	NOR710 & NOR720	NOR810	2xNOR720
D	LOR DS <sup>1</sup> & IS1010	LOR DS <sup>1</sup> & IS1010	IS8040	
E	LOR DS <sup>1</sup> & IS1010	LOR DS <sup>1</sup> & IS1010	2xIS1511	

Note 1: for NFR doors LOR DS seal to be 1no DS1004 and for Fire Doors as specified in the intumescent Seal(s) column of the performance tables

### FD30 Permissible Leaf Sizes



Door Applications	Acoustic Seal Set	Threshold required	Intumescent seal(s)			Glass Type	dB (Rw) Rating	Fire Rating
			Jamb	Head	Meeting Stile			
SLSS Flush	A	none	n/a	n/a	n/a	n/a	39dB	NFR
SLSS Flush	B	none	n/a	n/a	n/a	n/a	41dB	NFR
SLSS Flush	D	none	n/a	n/a	n/a	n/a	39dB	NFR
SLSS Flush	E	LOR IS4015	n/a	n/a	n/a	n/a	43dB	NFR
SLSS Flush	A	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	n/a	39dB	FD30S
SLSS Flush	B	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	n/a	41dB	FD30S
SLSS Flush	D	none	1no LOR DS1504	2no LOR DS1504	n/a	n/a	39dB	FD30S
SLSS Flush	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	n/a	43dB	FD30S
SLSS Glazed	A	none	n/a	n/a	n/a	6.4mm Clear Laminated	38dB	NFR
SLSS Glazed	A	none	n/a	n/a	n/a	15mm pyrostop	41dB	NFR
SLSS Glazed	B	none	n/a	n/a	n/a	6.4mm Clear Laminated	40dB	NFR
SLSS Glazed	B	none	n/a	n/a	n/a	15mm pyrostop	43dB	NFR
SLSS Glazed	E	LOR IS4015	n/a	n/a	n/a	15mm pyrostop	41dB	NFR
SLSS Glazed	E	LOR IS4015	n/a	n/a	n/a	23mm pyrostop	41dB	NFR
SLSS Glazed	A	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	15mm pyrostop	41dB	FD30S
SLSS Glazed	B	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	15mm pyrostop	43dB	FD30S
SLSS Glazed	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	15mm pyrostop	41dB	FD30S
SLSS Glazed	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	23mm pyrostop	41dB	FD30S
DLSS Flush	C	NOR 650	n/a	n/a	n/a	n/a	38dB	NFR
DLSS Flush	C	NOR 650	1no 15x4 pyroplex	2no 15x4 pyroplex	2no 10x4 pyroplex	n/a	38dB	FD30S
DLSS Glazed	C	NOR 650	n/a	n/a	n/a	6.4mm clear laminated	37dB	NFR
DLSS Glazed	C	NOR 650	n/a	n/a	n/a	15mm pyrostop	40dB	NFR
DLSS Glazed	C	NOR 650	1no 15x4 pyroplex	2no 15x4 pyroplex	2no 10x4 pyroplex	15mm pyrostop	40dB	FD30S