

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/m³)
- 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

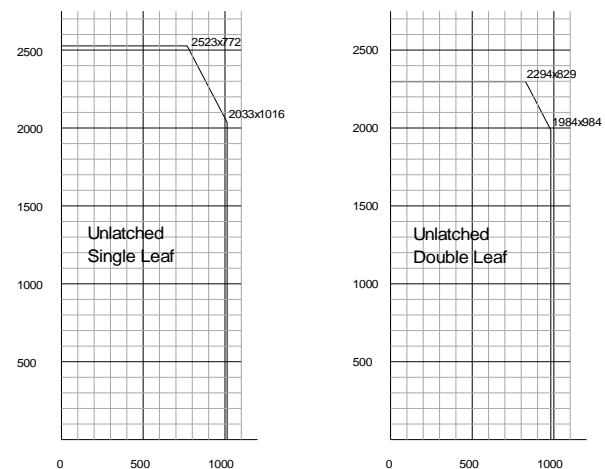
- TriSound dB+ blank
- Lip 4 edge (or Lip 2 edge if required) 6mm Hardwood
- Hardwood Veneer concealing lippings
- 83mm x 32mm Painted Softwood/MDF/lacquered Hardwood frame with matching 25mm x 12mm planted stop
- 4No 100mm lift-off/butt hinges
- Lock to suite situation
- Acoustic Seals and Fire/Smoke 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 ¹ & IS1010	LOR DS ¹ & IS1010	IS8040	
E	LOR DS ¹ & IS1010	LOR DS ¹ & 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