

## Acoustic Door Performance Summary

	Acoustic Seal Set	Threshold required	Intumescent seal(s)			Glass Type	dB (Rw) Rating	Fire Rating	Comments
			Jamb	Head	Meeting Stile				
<b>Single Leaf - Flush</b>									
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	See graph below for fire door permissible leaf sizes
SLSS Flush	B	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	n/a	41dB	FD30S	See graph below for fire door permissible leaf sizes
SLSS Flush	D	none	1no LOR DS1504	2no LOR DS1504	n/a	n/a	39dB	FD30S	See graph below for fire door permissible leaf sizes
SLSS Flush	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	n/a	43dB	FD30S	See graph below for fire door permissible leaf sizes
<b>Single Leaf - Glazed</b>									
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	See graph below for fire door permissible leaf sizes
SLSS Glazed	B	none	1no 15x4 pyroplex	2no 15x4 pyroplex	n/a	15mm pyrostop	43dB	FD30S	See graph below for fire door permissible leaf sizes
SLSS Glazed	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	15mm pyrostop	41dB	FD30S	See graph below for fire door permissible leaf sizes
SLSS Glazed	E	LOR IS4015	1no LOR DS1504	2no LOR DS1504	n/a	23mm pyrostop	41dB	FD30S	See graph below for fire door permissible leaf sizes
<b>Double Leaf - Flush</b>									
DLSS Flush	C	NOR650	n/a	n/a	n/a	n/a	38dB	NFR	
DLSS Flush	C	NOR650	1no 15x4 pyroplex	2no 15x4 pyroplex	2no 10x4 pyroplex	n/a	38dB	FD30S	See graph below for fire door permissible leaf sizes
<b>Double Leaf - Glazed</b>									
DLSS Glazed	C	NOR650	n/a	n/a	n/a	6.4mm Clear Laminated	37dB	NFR	
DLSS Glazed	C	NOR650	n/a	n/a	n/a	15mm pyrostop	40dB	NFR	
DLSS Glazed	C	NOR650	1no 15x4 pyroplex	2no 15x4 pyroplex	2no 10x4 pyroplex	15mm pyrostop	40dB	FD30S	See graph below for fire door permissible leaf sizes

Acoustic Seal Sets

Seal Set	Head	Jambs	Base	M/S
A	NOR710	NOR710	NOR810	
B	NOR710 & NOR720	NOR710 & NOR720	NOR810	
C	NOR710 & NOR720	NOR710 & NOR720	NOR810	2xNOR720
D	LOR DS & IS1010	LOR DS & IS1010	IS8040	
E	LOR DS & IS1010	LOR DS & IS1010	2xIS1511	

FD30 Permissible Leaf Sizes

