

Environmentally responsible three layer tri-laminated hardwood timber door cores

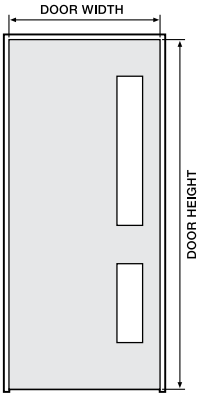
Acoustic Door Cores

Flamebreak is suitable for use as a general purpose door core and has been extensively tested (BS476 Pt.22) for FD30 fire door applications.

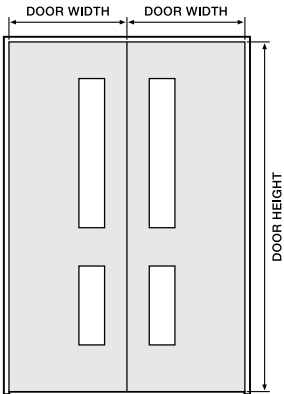
Acoustic Door Applications: With additional sealing Flamebreak can provide for acoustic performances between Rw.28dB & Rw.32dB (BS EN ISO 717-1:1997).

For all acoustic seals please contact Norsound

Single Leaf Doorsets - 44mm Acoustic Door Applications



Configuration	Glazed	Head	Jambs	Threshold	Meeting Stiles	dB Rating
Latched or Unlatched single action single leaf doorset	N/A	NOR710	NOR710	NOR810	N/A	29dB
Latched or Unlatched single action single leaf doorset	N/A	NOR710	NOR710	NOR850 + NOR650	N/A	30dB
Latched or Unlatched single action single leaf doorset	6mm Pyroshield	NOR710	NOR710	NOR810	N/A	31dB
Latched or Unlatched single action single leaf doorset	7mm Pyrobelite	NOR710	NOR710	NOR810	N/A	32dB
Latched or Unlatched single action single leaf doorset	12mm Pyrobelite	NOR710	NOR710	NOR810	N/A	32dB
Double action single leaf doorset	N/A	2 x NOR720	2 x NOR720	2 x NOR855 NOR620	N/A	28dB



Double Leaf Doorsets - 44mm Acoustic Door Applications

Configuration	Glazed	Head	Jambs	Threshold	Meeting Stile	dB Rating
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720	30dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720 NOR510	32dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720 NOR755 x 2	31dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720 NOR855 + 855 Holder only	30dB
Latched or Unlatched single action double leaf doorset	15mm & over	NOR710	NOR710	NOR850 & NOR615	2 x NOR755 & NOR720	35dB
Latched or Unlatched single action double leaf doorset	15mm & over	NOR710	NOR710	2 x NOR720 & NOR615	2 x NOR755 & NOR720	35dB

NOTE: The NOR810 Automatic Drop Seal may be used without additional provision in conjunction with hard floor finishes e.g. vinyl. When used with soft floor finishes e.g. carpet the use of a threshold strip e.g. NOR615 is recommended.

Glazing area per Doorsets

Where glazed, performance relates to a glazed area of 25% of door leaf

Frame construction for 44mm Doorsets

Hardwood or softwood frame of Min. 450Kg/m³ density or 700Kg/m³ MDF

Environmentally responsible three layer tri-laminated hardwood timber door cores

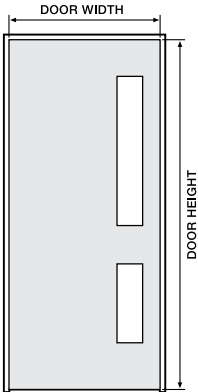
Acoustic Door Cores

Flamebreak has been extensively tested (BS476 Pt.22) for FD60 fire door applications and may be used as a general door core where heavier duty performances are required.

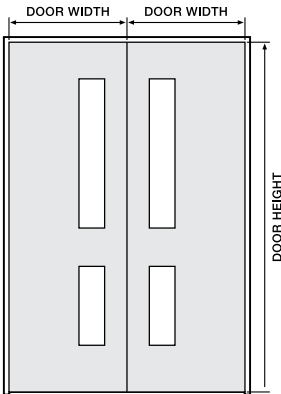
Acoustic Door Applications: With additional sealing Flamebreak can provide for acoustic performances between Rw.30dB & Rw.35dB (BS EN ISO 717-1:1997).

For all acoustic seals please contact Norsound

Single Leaf Doorsets - 54mm Acoustic Door Applications



Configuration	Glazed	Head	Jamb	Threshold	Stiles	dB Rating
Latched or Unlatched single action single leaf doorset	N/A	NOR710	NOR710	NOR810	N/A	32dB
Latched or Unlatched single action single leaf doorset	N/A	NOR710	NOR710	NOR850 + NOR650	N/A	34dB
Latched or Unlatched single action single leaf doorset	6mm Pyroshield	NOR710	NOR710	NOR810	N/A	33dB
Latched or Unlatched single action single leaf doorset	6mm Pyroshield	NOR710	NOR710	NOR810 + NOR650	N/A	34dB
Latched or Unlatched single action single leaf doorset	7mm Pyrobelite	NOR710	NOR710	NOR810	N/A	34dB
Latched or Unlatched single action single leaf doorset	10mm Pyrodur	NOR710	NOR710	NOR810 + NOR650	N/A	35dB
Double action single leaf doorset	N/A	2 x NOR720	2 x NOR720	2 x NOR855 NOR620	N/A	30dB



Double Leaf Doorsets - 54mm Acoustic Door Applications

Configuration	Glazed	Head	Jamb	Threshold	Meeting Stile	dB Rating
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR510	33dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR510 NOR720	34dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720 2 x NOR755	34dB
Latched or Unlatched single action double leaf doorset	N/A	NOR710	NOR710	NOR810 x 2	NOR720 NOR855 + 855 Holder only	34dB
Latched or Unlatched single action double leaf doorset	10mm & over	NOR710	NOR710	NOR850 & NOR615	2 x NOR755 & NOR720	35dB
Latched or Unlatched single action double leaf doorset	10mm & over	NOR710	NOR710	2 x NOR720 & NOR615	2 x NOR755 & NOR720	35dB

NOTE: The NOR810 Automatic Drop Seal may be used without additional provision in conjunction with hard floor finishes e.g. vinyl. When used with soft floor finishes e.g. carpet the use of a threshold strip e.g. NOR615 is recommended.

Glazing area per Doorsets

Where glazed, performance relates to a glazed area of 25% of door leaf

Frame construction for 54mm Doorsets

Hardwood or softwood frame of Min. 450Kg/m³ density or 700Kg/m³ MDF