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NATIONAL DRYLINING

Drylining Fire Tests

Fire performance data for selected drylining wall, ceiling and shaftwall constructions.

TECHNICAL SUMMARY

Selected tested system build-ups,
performance results and key construction data.

Test data is presented against the referenced test report numbers and standards.
Project suitability should be confirmed for the complete specified construction.



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technical resources and products



Drylining System Performance

Selected fire and acoustic performance data for drylining partition constructions.

System	Ref.	Test standard	Side 1 linings	Side 2 linings	Cavity insulation	Stud size	Acoustic value	Width / Result
TWIN FRAME	6S	BS EN1364-1:2015	2no. 15mm Siniat dB Board	2no. 15mm Siniat dB Board	50mm APR 1200 roll	2 x 60mm I stud (unbraced)	Rw 61dB (-8)	220mm / 90
TWIN FRAME	3S	BS EN1364-1:2015	2no. 15mm Siniat dB Board	2no. 15mm Siniat dB Board	Rockwool RWA45 50mm	2 x 50mm C stud (braced)	Rw 61dB (-8)	200mm / 90
TWIN FRAME	5B	BS EN1364-1:2015	2no. 15mm BG Soundbloc	2no. 15mm BG Soundbloc	50mm APR 1200 roll	2 x 50mm C stud (braced)	Rw 61dB (-8)	200mm / 120
RESILIENT BAR	1S	BS EN1364-1:2015	2no. 15mm Siniat dB Board	2no. 15mm Siniat dB Board	Rockwool RWA45 50mm	70mm w/ Resilient Bar to one side	Rw 62dB (-9)	145mm / 120

Note: Information may include a combination of tested performance and technical assessment.
Confirm the complete construction and project requirements before specification.



Internal Partition Systems

Internal partition constructions with fire and acoustic performance results.

System	Ref.	Test standard	Side 1 linings	Side 2 linings	Cavity insulation	Stud size	Acoustic value	Width / Result
INTERNAL PARTITION	2B	BS 476: Part 22: 1987	1no. 12.5mm BG Soundbloc	1no. 12.5mm BG Soundbloc	N/A	50mm	37	75mm / 30
INTERNAL PARTITION	3B	BS EN1364-1:2015	1no. 15mm BG Soundbloc	1no. 15mm BG Soundbloc	N/A	50mm	40	80mm / 30
INTERNAL PARTITION	7S	BS EN1364-1:2015	1no. 12.5mm Siniat dB Board	1no. 12.5mm Siniat dB Board	N/A	50mm	39	75mm / 30
INTERNAL PARTITION	4B	BS EN1364-1:2015	2no. 12.5mm BG Soundbloc	2no. 12.5mm BG Soundbloc	25mm APR 1200 roll	50mm	52	100mm / 90
INTERNAL PARTITION	5S	BS EN1364-1:2015	2no. 12.5mm Siniat Fire Board	2no. 12.5mm Siniat Fire Board	N/A	50mm	47	100mm / 120

Note: Information may include a combination of tested performance and technical assessment.
Confirm the complete construction and project requirements before specification.

MF Ceiling System

Fire performance information for an MF ceiling construction.

System	Ref.	Test standard	Side 1 linings	Side 2 linings	Cavity insulation	Stud size	Acoustic value	Width / Result
MF CEILING	1B	BS 476: Part 23: 1987	2no. 12.5mm BG WallBoards	N/A	N/A	MF Grid	Depends on entire construction	N/A / 30

SYSTEM NOTE

MF ceiling performance depends on the complete construction, including the framing arrangement and board specification.

Shaftwall Systems

Selected shaftwall constructions and associated performance results.

System	Ref.	Test standard	Side 1 linings	Side 2 linings	Cavity insulation	Stud size	Acoustic value	Width / Result
SHAFTWALL	2S	BS EN1364-1:2015	3no. 15mm Siniat Fire Board	1no. 19mm Siniat Fire Core Board	N/A	60mm I stud	48	105mm / 120
SHAFTWALL	4S	BS EN1364-1:2015	1no. 19mm Siniat Fire Core Board	3no. 15mm Siniat Fire Board	N/A	60mm I stud	48	105mm / 120

Specification guidance

Results relate to the specific build-ups and test references listed. Alternative boards, insulation, framing sizes or fixing arrangements may affect performance and should be checked separately.

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