

SOUNDEX® Curtain - Pyro Tech

This highly specialist acoustic curtain was developed in conjunction with the London Underground to the extremely stringent BS6853:1999 fire standard.

It is the only Class 0 fire rated acoustic barrier currently available which is fully certified for use within the London Underground and other sub-surface environments. It boasts excellent attenuation and noise absorption properties and is easily installed by utilising the conventional eyelets for suspension.

Features & Benefits

- ✓ Class 0 fire resistance to BS6853:1999
- ✓ Up to 32.5 dB reduction in noise
- ✓ Excellent noise absorption
- ✓ Lightweight - 5.0Kg
- ✓ Easy palletised transportation
- ✓ Fully printed personalisation available

Key Applications

- ✓ Sub-surface environments
- ✓ Underground transport locations, specifically London Underground
- ✓ Internal refurbishments to help prevent noise transmission into live areas.

Product Testing and Certification

- ✓ London Underground Fire Standard Test. BS 6853:1999 Incorporating Amendment No 1 Annex D.8.4 Smoke Density Test.
- ✓ Laboratory Acoustic Test BS EN ISO 10140-2:2010
- ✓ Laboratory Absorption Test BS EN 354:2003


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Technical specifications							
Dimensions	1250 x 2050mm						
Weight	5Kg						
Maximum Sound Absorbtion	45% @ 250 Hz 100% @ 1000 Hz 65% @ 5000 Hz						
Maximum Sound Attenuation	7.9 dB @ 250 Hz 13.8 dB @ 1000 Hz 32.5 dB @ 5000 Hz						
Fire ratings							
Tested & Certified To BS6853: 1999 Incorporating Amendment No. 1							
Test data at various Hz.							
Hz.	250	500	1250	2500	4000	5000	Rw Value
Reduction dB	7.9	8.9	17.2	24.7	30.2	32.5	14
Absorption αs	0.45	0.68	0.96	0.85	0.68	0.65	0.70

Product Testing and Certification: BS EN ISO 717-1 : 1997;BS EN ISO 345 : 2003; EN ISO 11654 : 1997.

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