Echostrut

FilaSorb™ 30

acoufelt
making quiet

Distributed by

GRAYKING
INTERIOR SUPPLY

Product Detail

Product	Echostrut	
Surface	Wall and ceiling	
	CORE	FRAMEWORK
Composition	100% polyester	Powder Coated Galv. Steel
Material	FilaSorb™	
Recycled Content	70% min	
Dimensions	1200 x 2700mm	
Thickness	30mm +/- 10%	

Echostrut

Echostrut is a long-lasting and durable installation framework for 30mm FilaSorb™ panel applications requiring a superior acoustic result and additional structural support. This framework allows for an optional airgap to be added behind the panel during install, resulting in the achievement of a Noise Reduction Coefficient ('NRC') result greater than 1. The Echostrut framework is also suitable for high ceiling applications that require longevity and structural stability, making it ideal for Aquatic Centres and Convention Centres. Echostrut installation accessories can also be used in wall applications to hide panel seams.

Technical Data

Indoor Air Quality	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017, ≤ 0.5mg/m³
Fire Test Method	AS ISO 9705:2003

Environmental Attributes

- USGBC accredited and recognised under LEED

LEED, Leadership in Energy and Environmental Design.

Guarantees

Warranty against defects	20 years*
Light fastness warranty	20 years*

*conditions apply

QuickShip available

Acoustic Performance

Sound Absorption ISO 354-2006
NRC 0.80 (no air gap)
NRC 1.00 (70mm air gap)
NRC 1.02 (250mm air gap)

*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
30mm α_s 70mm air gap	0.22	0.85	1.12	1.03	1.00	0.95	**1.00**
30mm α_s 250mm air gap	0.67	1.13	1.07	0.98	0.91	0.89	**1.02**
30mm α_s no air gap	0.26	0.47	0.72	0.97	1.08	1.00	**0.80**

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Design and installation