



Product Data Sheet: VIBsound-SC

Applications

- Reduction of airborne noise transfer into a building
- Installation around, under and/or over any piece of M/E/P equipment

Features

- Flexible, non-rigid material
- No acoustical caulk required
- Water resistant
- Fire resistant
- Efficient, on site assembly
- Cost effective
- Quick lead time
- Patent pending system



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VIBsound-Sound Cloak (SC)

The VIBsound-Sound Cloak (SC) is VIB-ISO's in-curb, acoustical treatment for noise transfer reduction from roof-mounted equipment curbs.

VIBsound-SC is beneficial for spaces in owner-occupied buildings where noise sensitivity is a concern. This application will provide for a greater transmission loss created by air handling equipment from entering into a building than a traditional curb system would offer.

VIBsound-SC is quick and easy to install and requires no acoustical caulk during the installation process. With a variety of available applications, including plenum or non-plenum curbs, VIB-ISO will engineer each VIBsound-SC treatment to match the specified piece of equipment as well as any additional customer requirements.



VIBsound-SC System

VIBsound-SC Attributes

VIBsound-Sound Cloak (SC) is comprised of flexible layers of sound absorption material which can be easily cut, installed and sealed in the field. In lieu of messy, acoustical caulk, the VIBsound-SC system utilizes a superior acoustical tape (VIEB), making the entire system water tight.

VIBsound-SC is comprised of an industry-leading batten and a flexible acoustical barrier, both of which are fire resistant. The batten layer is comprised of a bio-based binder and formaldehyde-free. With an R value of 8.0, this layer will also improve the thermal efficiency of the roof. The acoustical barrier's high specific gravity value allows for higher absorption of sound waves, which in turn, greatly reduces sound transmission to the end user.

Unlike similar products currently available in the market, VIBsound-SC offers a cost effective solution that is also easy to install, requires no acoustical caulk, is water resistant, and utilizes an industry leading thermal insulation.



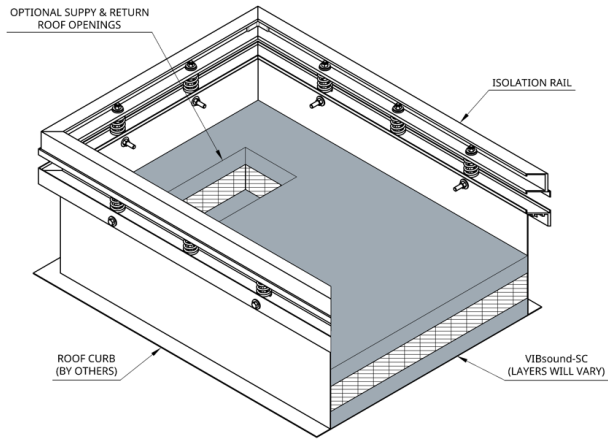
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VIBsound-SC Specifications

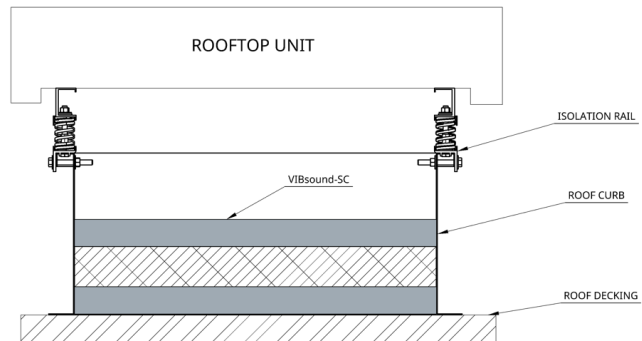
1. Thermal efficient insulation.
2. Acoustical barrier.
3. Acoustical tape.
4. Tested to applicable ASTM sound transmission standards.
5. Available in ratings for STC27 to STC58 (see table).
6. 100% Made in the U.S.A.

VIBsound-Sound Cloak (SC) Performance Testing

NAME	STC	HEIGHT (in)	WEIGHT (lbs/ft ²)	TRANSMISSION LOSS (dB)					
				125 (Hz)	250 (Hz)	500 (Hz)	1000 (Hz)	2000 (Hz)	4000 (Hz)
VIBsound-SC-27	27	2.00	2.25	13	14	21	31	38	44
VIBsound-SC-34	34	3.50	2.50	10	26	42	53	56	62
VIBsound-SC-44	44	2.25	4.25	20	34	45	57	57	61
VIBsound-SC-53	53	6.25	10.75	28	50	57	66	64	71
VIBsound-SC-58	58	8.25	15.00	34	50	57	67	66	75



VIBsound-Sound Cloak (SC) Isometric View



VIBsound-Sound Cloak (SC) Side View

For more information regarding the VIBsound-SC System, please visit us at www.vibiso.com.

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