

Sound Cloak Overview

Applications

- Reduction of noise transfer to building
- Existing and new curb installation

Features

- No acoustical caulk required
- Water resistant
- Fire resistant
- Easy installation
- Cost effective

Specifications

- Thermal efficient insulation
- Acoustical barrier
- Acoustical tape

VIB-ISO

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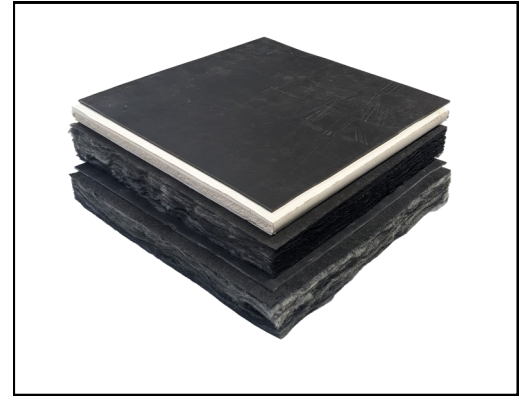
Sound Cloak Acoustical Treatment

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

Sound Cloak 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.

Sound Cloak 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 Sound Cloak treatment to match the specified piece of equipment as well as any additional customer requirements.



Sound Cloak System

Sound Cloak Specifications

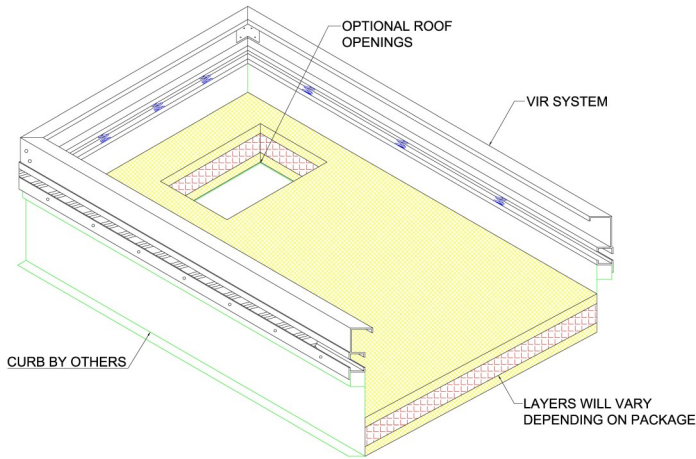
Sound Cloak is comprised of flexible layers of sound absorption material which can be easily cut, installed and sealed in the field. In lieu of messy, acoustical caulk, the Sound Cloak system utilizes a superior acoustical tape (VIEB), making the entire system water tight.

Sound Cloak 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.

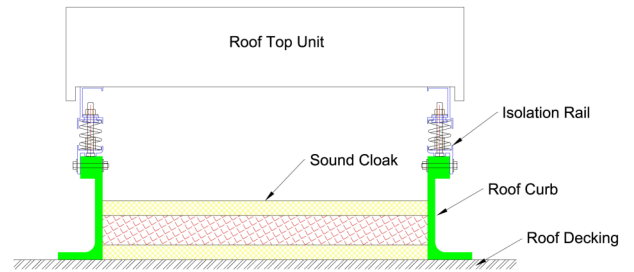
Unlike similar products currently available in the market, Sound Cloak offers a cost effective solution that is also easy to install, requires no acoustical caulk, is water resistance, and utilizes an industry leading thermal insulation.

Sound Cloak System Diagrams

Sound Cloak Isometric View



Sound Cloak Side View



Sound Cloak Performance Testing

Sound Cloak is available in ratings for STC27 to STC58 (see table below).

NAME	STC	HEIGHT (in)	WEIGHT (lbs/ft ²)	TRANSMISSION LOSS (dB)					
				125 (Hz)	250 (Hz)	500 (Hz)	1000 (Hz)	2000 (Hz)	4000 (Hz)
SC-27	27	2	2.25	13	14	21	31	38	44
SC-34	34	3.5	2.5	10	26	42	53	56	62
SC-44	44	2.25	4.25	20	34	45	57	57	61
SC-53	53	6.25	10.75	29	51	58	67	66	75
SC-58	58	8.25	15	34	50	57	67	66	75

For more information regarding Sound Cloak or any of the VIB-ISO products, please visit us on the web at www.vibiso.com.