

QZAcoustic Overview

Features

- No acoustical caulk required
- Water resistant
- Fire resistant
- Easy installation
- Cost effective
- Field installation or added during the build of curb

Applications

- Reduction of noise transfer to building
- Pre-existing and new curb installation

Specifications

- Thermal efficient insulation
- Acoustical barrier
- Acoustical tape

Curbs Plus
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Product Data Sheet: QZAcoustic System

QZAcoustic System

The QZAcoustic System is Curb Plus' in-curb acoustical treatment for noise transfer reduction from roof mounted equipment curbs.

QZAcoustic is beneficial for spaces 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.

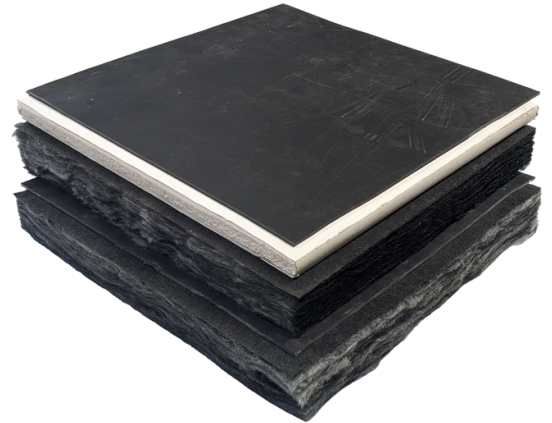
QZAcoustic is quick and easy to install and requires no acoustical caulk during the installation process. With a variety of available applications, including plenum or non-plenum curbs, Curbs Plus will engineer each QZAcoustic System to match the specified piece of equipment as well as any additional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

QZAcoustic System Specifications

QZAcoustic is comprised of flexible layers of a sound absorption material which can be easily cut, installed and sealed in the field or during the process of building your curb. QZAcoustic utilizes a superior acoustical tape making the entire system water tight without the need for messy acoustical caulk.

QZAcoustic is comprised of an industry leading batten and flexible acoustical barrier, both of which are fire resistant. The batten layer is comprised of a bio based binder and formaldehyde-free. With a 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.

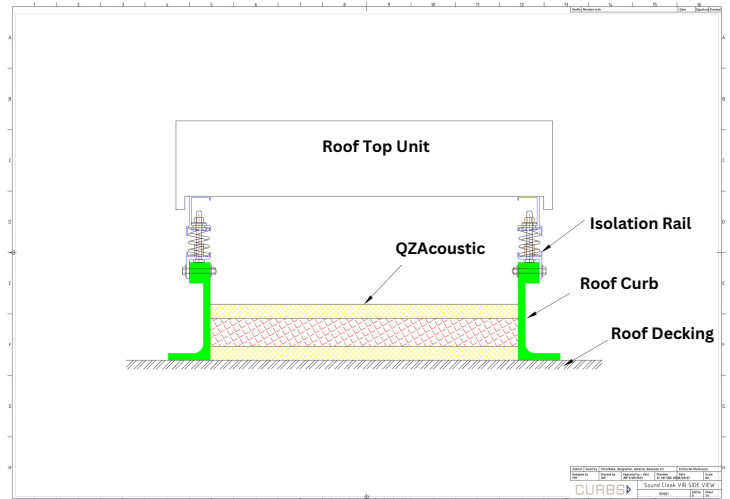
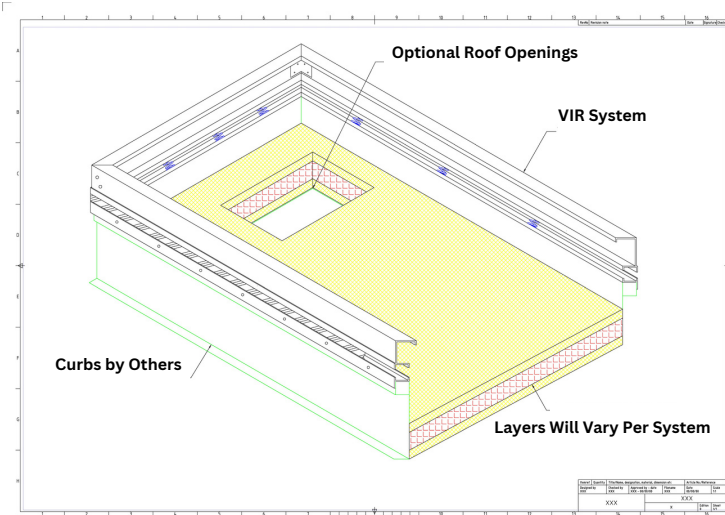
Unlike similar products currently on the market, QZAcoustic offers a cost effective solution that is also easy to install, water resistant, and utilizes an industry leading thermal insulation.



Product Data Sheet: QZAcoustic System

QZAcoustic System Isometric View

QZAcoustic System Side View



QZAcoustic System Performance Testing

The QZAcoustic System is available in ratings for STC27 to STC58 (see table below)

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

For more information regarding the QZAcoustic System or any Curbs Plus products, visit our website - www.curbsplus.com