

BBC-EXT-R2

Exterior Grade Barrier/Absorber panels

Nominally 2" thick fiberglass absorber
quilted to a 1lb. reinforced vinyl noise barrier

BBC-EXT-R2 Exterior Barrier/Absorber

panels/blankets are the most frequently specified and installed outdoor noise control solution on the market. They combine sound blocking and absorption into a single, durable system, featuring a UV-resistant quilted fiberglass absorber bonded to a reinforced loaded vinyl barrier. With strong acoustic performance (STC 33 / NRC 0.75) and a temperature range of -20°F to 180°F, they are built to withstand harsh outdoor conditions. Ideal for applications such as HVAC enclosures and construction sites, these fully U.V. stable panels install quickly and securely using grommets and hook-and-loop edge connections.



ACOUSTICAL
SURFACES INC.

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BBC-EXT-R2 Sound Transmission Loss - ASTM E90

Frequency	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
BBC-EXT-R-2	14	20	32	41	42	41	33

BBC-EXT-R2 Sound Absorption - ASTM C423

Frequency	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
BBC-EXT-R-2	.45	.96	.87	.66	.47	.28	.75



Barrier Color Options



Facing Color Options



Front



Back

APPLICATIONS

Construction sites, HVAC equipment enclosures, pool pump and filtration soundproofing, commercial AC condenser screens, industrial machinery enclosures, generator sound barriers, compressor station noise walls, dust collector enclosures, rooftop mechanical equipment barriers, outdoor kennel noise reduction, loading dock noise barriers, manufacturing plant soundproofing, data center cooling equipment enclosures, temporary jobsite noise barriers, permanent perimeter noise control fencing, outdoor shooting range sound barriers, highway construction noise panels, recycling facility equipment enclosures, utility substation noise barriers, sports court (pickleball/tennis) sound containment panels

FEATURES

BBC-EXT-R2 exterior-grade acoustic blankets provide sound blocking and absorption in one rugged panel, featuring a UV-resistant vinyl-coated polyester (VCP) facing quilted over a 2" fiberglass absorber stitched to a reinforced loaded vinyl barrier (STC 33 / NRC 0.75). Designed for harsh outdoor environments, they offer excellent durability, UV and weather resistance, and operate in temperatures from -20°F to 180°F. With a nominal thickness of 2" and weight around 1.45-1.50 lb/ft², panels remain easy to handle and install using grommets and UV-stable hook-and-loop seams for secure connections.

SIZES

Standard panel width is 54", with narrower widths available or wider spans achieved by joining panels with vertical hook-and-loop edges. Panel height is made to order with a max individual height of 25'.

THICKNESS

Nominal 2" thickness (components: 2" fiberglass absorber, ~1/8" thick, 1 lb. vinyl noise barrier). Note: Fiberglass is a light-density (2 lb/ft³ PCF) product and compresses significantly when quilted.

COLORS

Quilted Absorptive Facing: Gray (standard), tan, white or black
Barrier Backer : Gray (standard), olive, black or blue

TEMPERATURE RANGE

-20° to +180° F.

INSTALLATION

Panels are installed with mechanical fasteners appropriate for the substate and site conditions. Zip-ties, screws/bolts and fender washers are common

GROMMETS

Brass (standard), Stainless steel upgrade available upon request
Grommet ID: 9/16", Grommet Center: 1-1/4" down from top of panel.

Test Reports & Additional Information Can be Found at:

https://www.acousticalsurfaces.com/curtan_stop/sound_blanket.htm



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