

PINK NEXT GEN™ FIBERGLAS™ SOUND ATTENUATION BATTS (SAB) WOOD FRAMING

PINK Next Gen™ Fiberglas™ Sound Attenuation Batts (SAB) are unfaced, lightweight, flexible fiberglass insulation batts, designed to deliver noise control in wall cavities of interior partitions. Manufactured to friction-fit, they are available in 3½-inch thicknesses. Depending on the construction method and components used, SABs can improve STC (Sound Transmission Class) ratings by 2–11 points over an empty cavity.[1]

1 Depending on framing cavity options.

Features

- Excellent acoustical performance
- Easy to install and fabricate
- Long-term performance and will not settle or slump within wall cavities
- Compression packaging from Owens Corning speeds job

Standards, Code Compliance

- Manufactured in compliance with ASTM C665 Type 1
- Classified noncombustible as tested in accordance with ASTM E136
- Acceptable for use in ICC building construction types I through V
- Certified to meet California Code of Regulations, Title 24, Chapter 12—13, Article 3, "Standards for Insulating Material"

Applications

- Wood stud wall cavities of interior partitions

Surface Burning Characteristics/Building Code Construction Classification[2]

PRODUCTS	FLAME SPREAD	SMOKE DEVELOPED	ICC
Unfaced	< 25	< 50	All Types

2 Products are tested in accordance with Surface Burning Characteristics ASTM E84.

WATER ABSORPTION	TEST	VALUE
Maximum by Weight	ASTM C1104	Less than 5%

DIMENSIONAL STABILITY	VALUE
Linear Shrinkage	Less than 0.1%

Fire Safety

Wall assemblies with SAB installed in the cavities can achieve up to a 2-hour fire-resistance rating as tested in accordance with ASTM E119.

Reality of Sound Transmission Class (STC)

STC is a method of rating the sound transmission performance of a wall or floor assembly. It is intended as a quick screening tool to compare different wall or floor assemblies. STC ratings are determined in a laboratory under controlled conditions. Even then, differences of 2 STC points can occur for the same assembly in the same laboratory. In the field, flanking noise, quality of material, and construction practices can lead to widely varied STCs for the same assembly.

Design Considerations

Acoustical performance of wood stud interior partitions can be substantially affected by a number of important design and construction details. Important details include:

1. Seal the bottom plate and any wall penetrations with non-hardening, permanently resilient sealant.
2. Location and attachment of outlets, ducts, and mechanical equipment. Plumbing should be designed to allow for expansion and contraction. Pipes should also be isolated from framing, using resilient mounts.
3. Use solid core wood doors for best noise control. Depending on HVAC requirements, weather-stripping may be used around the door to reduce sound transmission.

Acoustic and Fire Ratings for Typical Wood-Framed Partitions

STC	TEST NUMBER	GYPSUM	FRAMING	3½" SAB	GYPSUM	RESILIENT CHANNEL
		Single Layer	Standard		Single Layer	
32	20-0352_1_201116_E90	ULX ½" Type X	16" o.c. 2x4	No	ULX ½" Type X	No
34	20-0352_10_201119_E90	ULX ½" Type X	16" o.c. 2x4	Yes	ULX ½" Type X	No
32	E90_06116	½" Type X	16" o.c. 2x4	No	½" Type X	No
39	E90_06258	½" Type X	16" o.c. 2x4	Yes	½" Type X	No
34	OCF424	⅝" Type X	16" o.c. 2x4	No	⅝" Type X	No
36	OCF423	⅝" Type X	16" o.c. 2x4	Yes	⅝" Type X	No
		Multilayer	Standard		Single/Multi	
41	E90_04061	(2) ½" Type X	16" o.c. 2x4	Yes	½" Type X	No
45	W2569	(2) ½" Type X	16" o.c. 2x4	Yes	(2) ½" Type X	No
		Single/Multi	w/Resilient Channel		Single/Multi	
40	OCF431	⅝" Type X	16" o.c. 2x4	No	⅝" Type X	Yes
46	TL 93-110	⅝" Type X	16" o.c. 2x4	Yes	⅝" Type X	Yes
52	W0669	½" Type X	16" o.c. 2x4	Yes	(2) ½" Type X	Yes
56	W0569	(2) ½" Type X	16" o.c. 2x4	Yes	(2) ½" Type X	Yes
		Single Layer	Staggered w/2x6 Plates		Single Layer	
46	W5769	⅝" Type X	16" o.c. Staggered 2x4	Yes (1)	⅝" Type X	No
51	W01486	½" Type X	16" o.c. Staggered 2x4	Yes (1)	½" Type X	No
		Single Layer	Double Stud w/1" Gap		Single Layer	
45	W4369	⅝" Type X	16" o.c. Double Stud	No	⅝" Type X	No
56	OCF448	⅝" Type X	16" o.c. Double Stud	Yes (1–3½")	⅝" Type X	No
60	W02985	⅝" Type X	24" o.c. Double Stud	Yes (2–3½")	⅝" Type X	No

Available Sizes

THICKNESS	WIDTH	LENGTH
3½"	15¼"	93"
3½"	23¼"	93"
3½"	15¼"	105"

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.com.

Certifications and Sustainable Features

- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg
- Environmental Product Declaration (EPD) has been verified by SCS Global

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