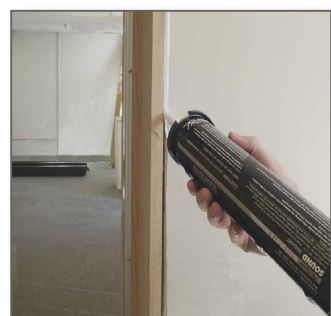


GREENchoice™ Acoustical Sound Sealant

GREENchoice Titebond Acoustical Sound Sealant is a non-flammable, latex-based product designed specifically for the reduction of sound transmission in wall partition systems. Its primary function is to achieve and maintain the specific STC (Sound Transmission Class) value of the system designed.

GREENchoice Titebond Acoustical Sound Sealant remains permanently flexible and adheres firmly to wood or metal studs, concrete, gypsum board, and most other types of building substrates. Its unique formulation is non-drying, non-hardening, non-staining and non-migrating. The GREENchoice Titebond Acoustical Sound Sealant is used for unexposed applications at perimeter joints, floor and ceiling runners (either wood or metal), cutouts in gypsum board, veneer plaster systems, and other areas where a sound rated assembly is required.



PHYSICAL PROPERTIES

TYPE

Siliconized elastomeric acrylic.

COLOR

White.

PAINTABLE

2-4 hours after application

SOLIDS

79%.

VISCOSITY

170,000 cps.

pH

7.5.

CALCULATED VOC

<50 g/L (<2.5%).

WEIGHT/GALLON

12.8 lbs.

FLASHPOINT

>200°F.

FREEZE/THAW STABILITY

Stable.

STORAGE LIFE

24 months in a dry location at or below 75°F.

COVERAGE

(maximum) Approximate length of bead according to bead diameter

29 oz. Cartridge

1/8" bead: 356 ft

1/4" bead: 89 ft

3/8" bead: 39 ft

1/2" bead: 22 ft

FLAMMABILITY

Flame Spread Index = 0;

Smoke Developed Index = 0

Test Reports & Additional Information Can be Found at:

https://www.acousticalsurfaces.com/sealants_adhesives/acoustcal-sound-sealant.html



ACOUSTICAL | SURFACES, INC.

Celebrating Over 40 Years - SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!

952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com

GREENchoice™ Acoustical Sound Sealant Cont.

APPLICATION GUIDELINES

Application Temperature:	Above 40°F (4°C)
Service Temperature Range:	-20°F to 150°F (-29°C to 66°C)
Method of Application:	Cartridge/caulking gun
Working Time:	Approximately 20 minutes for a 1/4" bead
Working Surfaces:	Surfaces to be sealed should be clean, dry and free from oil, grease and any other material that may deter adhesion.
Cleanup:	Clean with water while caulk is wet. Scrape off dried excess caulk with a putty knife.
Limitations:	If using outside, do not apply if rain is expected within 12 hours. Not recommended for continuous submersion or use below the waterline. For best results, store above 40°. This product is freeze/thaw stable.
Tack-free Time:	30-60 minutes.
Full Cure:	3-7 days. Cure will be affected by joint size, configuration, and environmental conditions.
CAUTION STATEMENT:	CAUTION: EYE AND SKIN IRRITANT. Contains mineral spirits. Do not swallow. Do not allow eye contact or prolonged skin contact. First Aid: If swallowed, do not induce vomiting; contact physician. If eye contact occurs, flush with water for 15 minutes; contact physician. Wash skin contact areas with soap and water; contact physician if irritation persists. For additional information, refer to Material Safety Data sheet. KEEP OUT OF REACH OF CHILDREN.

ACOUSTICAL PERFORMANCE – STC RATING

Edge Detail	STC Value	Comment
Single bead at the perimeter of one base layer	49	This bead closed void but did not seal leakage around the joint between wallboard and track.
Two beads, one under each base layer of gypsum board	53	The beads closed void and sealed leakage around track.

Note: Taken from ASTM C919. The test partitions of metal studs 610 mm (24 in.) on center, with double layers of 13 mm (0.5 in.) wallboard screw-attached to each side. Sound attenuation blanket, 38 mm (1.5 in.), was placed in the void. The partition panels were erected, shimmed out 3mm (0.125 in.) at the periphery: top, bottom, and edges.

COMPLIES WITH THE FOLLOWING REQUIREMENTS:

<p>ASTM C834 Type OP Grade -18°C ASTM C920 Type S Grade NS Class 25 M, G and A CA 01350 LEED v4 UL tested and classified Testing in accordance with ASTM E84 Appropriate for application and use in accordance with ASTM C919 and ASTM E90 Meets NFPA Class A Fire Rating (0 smoke; 0 flame spread)</p>
--



ACOUSTICAL | SURFACES, INC.

Celebrating Over 40 Years – SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!

952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com