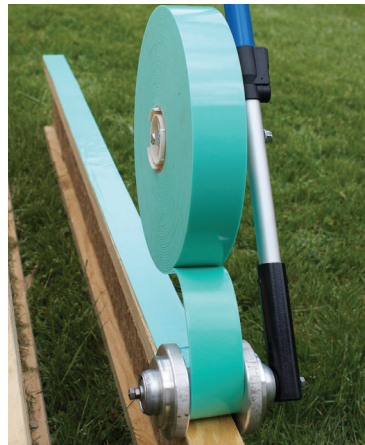


Norton CST™ V494



Unique Noise Control & Thermal Break

Features/Benefits

- Uniform gasket: consistent thickness and width throughout.
- Noise reduction: sound transmission noticeably reduced, squeaks/call-backs eliminated.
- Standard widths: matches industry standards for I-joists and studs, no waste of material.
- Self-adhesive: quick and clean application (eliminates subfloor adhesives), no special skills required.
- Smooth top surface: subfloor slides easily into position.
- Durable: good for life of building. Versatile: can be applied on-site or pre-applied off-site.

Typical Applications

- Residential and commercial construction.
- Floors: engineered wood joists, steel joists.
- Walls: steel studs, wood framing
- Ceilings: steel rafters and trusses.

NORTON CST™ (Comfort and Silence Tape) is a patented, uniform gasket that provides a unique noise control and thermal break solution to both residential and commercial construction. It has been successfully used for more than 15 years.

NORTON CST™ is a specially formulated closed cell foam tape with pressure sensitive adhesive on one side and a protective durable surface on the other side.

Noise Control

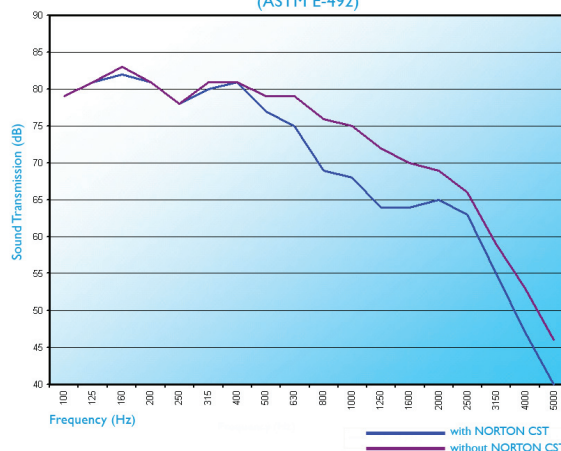
By replacing the glue traditionally used in sub-floor assemblies, NORTON CST™ virtually eliminates squeaks. It leaves a quieter and more comfortable home preventing costly call-backs!

Thanks to NORTON CST™'s ability to dampen vibrations:

– **Impact sound transmission** (IIC rating - Impact Insulation Classification) through floors is reduced up to 10 times! (ASTM E-989).

– **Airborne sound transmission** (STC rating —Sound Transmission Class) through walls is reduced up to 20 times! (ASTM E-90).

Noise Reduction in a Wood Joist Floor Assembly (ASTM E-492)



Improved Thermal Performance

When used on either one or two sides of steel framing, NORTON CST™ serves as a thermal break that will help lower energy costs.

Condensation

NORTON CST™ does not mold or mildew. By preventing condensation caused by temperature differentials, NORTON CST™ helps eliminate “ghosting” stains that outline metal studs in the wall. Its durability makes it a lifelong value-added to a residential or commercial building.

NORTON CST™ V494

Standard Sizes

Thickness: 1/8" (3.2 mm)
 Length: 100' (30.5 m)
 Width: up to 55" (1397 mm)

Physical Property	Typical Value	Test Method
Flame Spread Classification	15 (Class I)	ASTM E-84/UL723
Smoke Developed Classification	10 (Class I)	ASTM E-84/UL723
Fire Rating of Wooden Floor Systems	No negative impact	ASTM E-119 CAN/ULC S101
Oxidation Resistance	Passed (300 psi at 158°F during 96 h)	*APA 5.7.2.2
Air Permeability @ 30% compression	0 (impermeable)	*NTP-122
Thermal Conductivity (BTU (.in)/Sq. Ft. (hr.) F)	.28	ASTM C-518
Recommended Service Temp.	-20°F to 160°F (-29°C to 71°C)	
Recommended Application Temp.	40°F to 125°F (4°C to 52°C)	
Max Impact Noise Reduction	-10 dB (steel) @ 1250 Hz -8 dB (wood) @ 1250 Hz	ASTM E-989 ASTM E-492
Max Airborne Sound Reduction (through floors)	-14 dB (wood) @ 700 Hz -19 dB (steel) @ 125 Hz	ASTM E-90
Max Airborne Sound Reduction (through walls)	-16 dB (wood) @ 500 Hz -19 dB (steel) @ 500 Hz	ASTM E-90

Note: Values are not guaranteed and will differ from design to design.

* NTP = Norton Test Procedure
 * APA = American Plywood Association

Application Tips

- Surfaces must be clean of dirt, water, ice.
- NORTON CST™ is used in place of sub-floor glue—do not use any additional glue.
- Structural code requirements: use “nail-only” data when calculating joist spans (contrary to “glue-nailed” floors, no span increase is permitted).
- Use ring-shanked nails or screws as mechanical fasteners.
- Do not peel off liner (top surface).

NORTON CST™ is a trademark.

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Saint-Gobain is a worldwide supplier of construction products with operations in 54 countries and a workforce of over 207,000. We began by supplying the mirrors for the Hall of Mirrors at the Palace of Versailles in France in 1665. Today, we continue to manufacture architectural glass, along with a range of other products, and are the world leader in most of our markets. Some of our brands, in addition to Norton CST™, include: Thermalbond® Curtain Wall Structural Glazing Spacer; Norton® Window Glazing Sealants; CertainTeed fiber glass insulation, roofing and vinyl siding; ProRoc® gypsum board; Norton® abrasive belts and sand paper; Sheerfill® polymer coated fabrics for stadium roofs.

More information is available at www.nortoncst.com



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