

CST™ V494

Closed-Cell, Polyvinyl Chloride Foam, Joist Tape

Saint-Gobain® Norseal® CST V494 is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a patented, uniform gasket that intends to provide a unique noise control and thermal break solution to both residential and commercial construction. It has been successfully used for more than 15 years. **Norseal** CST V494 is a specially formulated closed cell foam joist tape with pressure sensitive adhesive on one side and a protective durable surface on the other side. CST V494 does not mold or mildew and by preventing condensation caused by temperature differentials, also helps eliminate "ghosting" stains that outline metal studs in the wall.

The **Norseal** CST V494 is specially intended to provide the following features:

- Uniform gasket: consistent thickness and width throughout
- Noise reduction: sound transmission noticeably reduced, squeaks/call-backs eliminated
- Standard widths: matches industry standards for joists and studs, no waste of material
- Self-adhesive: quick and clean application, no special skills required
- Smooth top surface: subfloor slides easily into position
- Durable: good for life of building



APPLICATIONS

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

Norseal CST V494 – Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

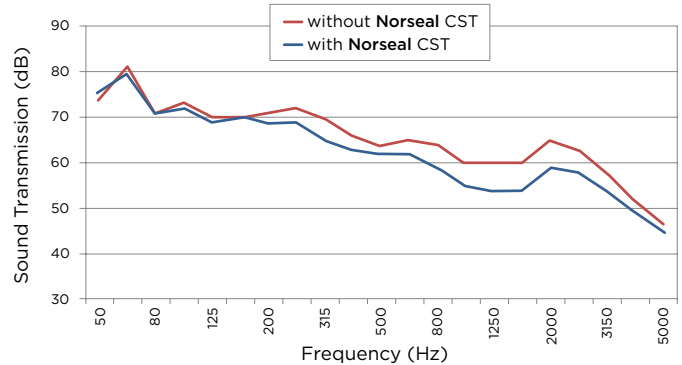
Property	Test Method	Value
Flame Spread Classification	ASTM E-84/UI723	15 (Class I)
Smoke Developed Classification	ASTM E-84/UI723	10 (Class I)
Oxidation Resistance	*APA 5.7.2.2	Passed (300 psi at 158°F during 96h)
Air Permeability @30% compression	NTP-122	0 (Impermeable)
Thermal Conductivity (BTU (.in)/Sq. Ft. (hr.) F)	ASTM C-518	0.28
Max Impact Noise Reduction	ASTM E-492	-6 dB @ 1250Hz
Fire Rating of Wooden Floor Systems	ASTM E-119 CAN/ULC S101	No negative impact

* APA: American Plywood Association
 NTP: Internal Test Procedure

Norseal CST V494 – Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
V494	.125 (3.2)	100 (30.5)

3" I.D. cardboard cores standard



Application Tips

- Surfaces must be clean of dirt, water and ice.
- **Norseal** CST V494 is used in place of sub-floor glue. Do not use any additional glue. This product is not considered an adhesive 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).

Important Instructions

Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use. The product contains plasticizer, which may adversely affect some plastics.

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface. Avoid touching adhesive surface before application.

The application temperature should be between 40°F and 125°F (4°C to 52°C). It is not recommended to apply these sealant at temperatures below 40°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding. Recommended service temperature is between -15°F to 160°F (-26°C to 71°C).

Shelf Life

6 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.

IMPORTANT: It is the user’s responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain’s sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

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