

► Technical Data Sheet

Thermal Break & Acoustic Sealing Tape CST V494

A specially formulated, polyvinyl chloride closed cell foam with enhanced surface layer protection. Used widely in joist, stud and beam taping to assist acoustic isolation and overcome cold bridging. Coated with a pressure sensitive adhesive on one side, and a durable surface on the upper surface to enable smooth installation. Does not mould or mildew and can help prevent condensation by temperature differentials. It also helps eliminate "ghosting" stains in steel studwork constructions.

► Features & Benefits

- ✓ **Reduces Condensation Risk**
- ✓ **Reduces Thermal Bridging**
- ✓ **Uniform Gasket (consistent thickness and width throughout, minimal waste)**
- ✓ **NHBC Compliant (R3)**
- ✓ **Reduces Sound Transmission**
- ✓ **Vibration Isolation**
- ✓ **Quick & Easy to Install**
- ✓ **Durable (good for life of building)**
- ✓ **Suitable for on-site & off-site installation**



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	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

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