



[Home](#)
[Products](#)
[Links](#)
[Prospects](#)
[Contact us](#)

## TC-417-GP Thermal and Acoustic Solutions

### Spray Applied Insulation

### PERFORMANCE DATA

ThermaCoustic Industries is committed to a policy of on-going product improvement and performance verification in and by various countries and jurisdictions. The following table demonstrates compliance with standards required by Canada and the United States for the use of TC-417 GP in general building construction.

As our test program is on going, we continue to expand our list of qualifications (TC-417 GP is WH listed). Therefore, if you are concerned about compliance with a particular standard not listed below, please [contact us directly](#) for current information.

Test Standard	Test	Requirement	Result
Thermal Resistance	ASTM C-518	Report Value	RSI = 29.32/m [(m <sup>2</sup> • °C)/W] R = 4.17/in. (hr • ft <sup>2</sup> • °F) / Btu
Thermal Conductance	ASTM C-518	Report Value	$\lambda = 0.0346 \text{ W} / (\text{m}^2 \cdot ^\circ \text{C})$ K = 0.24 Btu • in / (hr • F <sup>2</sup> • °F)
Non-Combustibility	CAN/ULC-S114 ASTM E-136	Non-Combustible	Non-combustible

Surface Burning Characteristics	ASTM E-84 & CAN/ULC S102	Flame Spread $\leq 25$ Smoke Developed $\leq 50$	Passed
Adhesion/Cohesion	ASTM E-736	>1.7 kPa	Passed
Noise Reduction Coefficient	ASTM C-423-99a ISO 354	Report Value	50mm / 2" = 1.00 50mm / 2" = 0.95
Fungal Resistance	MIL-STD 810E Method 508.4	Report value	No growth

[\[Previous\]](#) [\[Contents\]](#)

[\[Home\]](#) [\[Products\]](#) [\[Links\]](#) [\[Prospects\]](#) [\[Contact us\]](#) [\[Disclaimer\]](#)

**ThermaCoustic Industries International Limited**

Unit 108, 20119 - 113B Avenue, Maple Ridge, B.C., Canada, V2X 0Z1

Tel: 866.460.1474 or 604.460.1475 -- Fax: 604.460.1476 -- eMail: <http://www.thermacoustics.com/contact.html>

*Copyright © ThermaCoustic Industries International Limited. All rights reserved.  
For more information, please review our [disclaimer](#).*