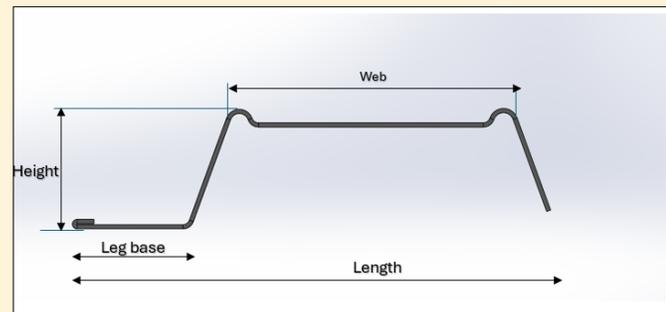
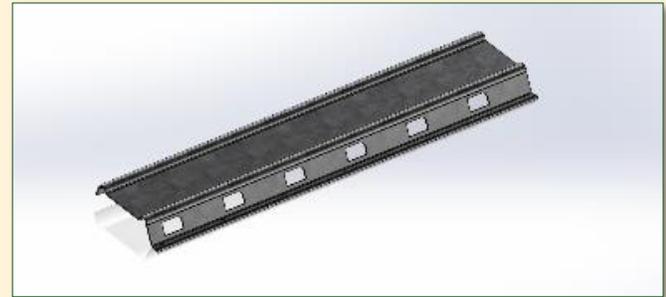


RESILIENT CHANNEL

Our resilient channel system is meticulously engineered to meet the acoustic and structural requirements of both the National Building Code of Canada (NBC) and the BC Building Code (BCBC).

Our product is made from high-strength SS Grade 37 galvanized steel* with a G40 zinc coating and is tested in compliance with ASTM A653/A90/C754, ensuring both durability and performance. Properly installed at 400 mm o.c. with gypsum board, it delivers effective sound isolation, meets fire-resistance requirements outlined in Appendix D-2.3.4-B, and supports compliance with NBC/BCBC, offering building professionals a code-approved solution for quiet, safe, and resilient interiors.

"Silent strength, redefined — our signature slotted resilient channel delivers unmatched acoustic control with engineered precision."



INSTALLATION NOTE

Installation of resilient channels must follow the requirements outlined in the NBC and BCBC to ensure optimal acoustic performance and code compliance. According to NBC Sentence 9.11.1.1(2) and BCBC Sentence 9.11.1.1(2), resilient channels shall be installed perpendicular to framing members at a maximum spacing of 400 mm (16 inches) on center.

Fastening shall comply with ASTM C754, using steel framing members no thinner than 25 gauge (0.46 mm). It is critical that gypsum panels be fastened only to the resilient channels and not directly to the structural framing, avoiding rigid connections that reduce sound isolation. Additionally, resilient channels should not be bridged by wiring, plumbing, or other materials, as this can compromise the acoustic decoupling effect. Proper installation following these codes ensures assemblies achieve the required STC ratings and maintain fire-resistance integrity per Appendix D-2.3.4-B of the BC Building Code.

Standard and Specification

Fasteners

Tested by Intertek , Our STC rating is **51** with the **W3B** from table A-9.10 .3.1.A of the **NBCC**

The appropriate screws with Resilient channel.
For wood studs- Type W or Type S x1-1/4" screws.
For Steel studs- Type S x 1-1/4"

Note: The length of the screw should not interfere with the framing member.

*Material and Coating manufactured to meet the requirement of ASTM A653/A653-23 and tested according to the ASTM A370-24

Dimensions	inch	mm
Web (w)	1.25	31.75
Leg base (l)	1/2"	12.7
Height (h)	1/2"	12.7
Length	12'	3660
Coating	G40 (150g/m2)	
Standard	ASTM A653	
Gauge 25	0.018	0.478