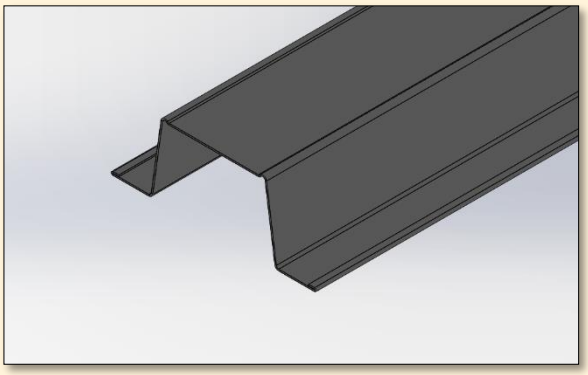
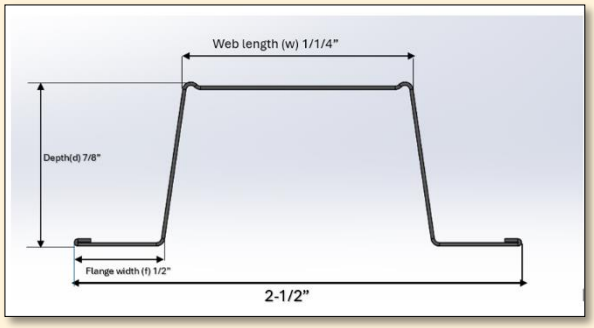
Samrat Building Supply Ltd.

Your One-Stop Solution for High- Quality Toos and Hardware Products across Canada

FURRING CHANNEL



We produce and supply high-quality 7/8" depth furring channels available in 20 and 25 gauge, made from premium galvanized steel to provide excellent strength, corrosion resistance, and lasting durability. Our furring channels meet essential industry standards such as ASTM C645 (non-structural steel framing), ASTM C754 (installation of steel framing for gypsum board), and ASTM A653 (galvanized steel sheet specifications).



Engineered for applications like wall furring, ceiling suspension, and soundproofing assemblies, these channels are suitable for residential, commercial, and institutional construction. When combined with resilient sound clips, they comply with acoustic requirements and can be incorporated into fire-rated wall systems as needed.

INSTALLATION NOTE

Furring channels made of galvanized steel should be mounted perpendicular to framing members or solid substrates such as concrete or masonry, following the requirements of NBC Part 9 and BCBC Division B. In ceilings requiring fire resistance or acoustic performance, channels must be installed at a maximum spacing of 400 mm on center and securely fastened to the structure with approved methods, as outlined in BCBC Clause D-2.3.5. (4)(b) (i–ii). For general, non-rated ceiling applications, spacing can be increased to 600 mm on center, as permitted under BCBC D-2.3.5. (5) and NBC 9.10.3.1. Where two channels meet, an overlap of at least 100 mm is required, and an installation clearance of 15 mm from adjoining walls must be observed according to BCBC recommendations. Fire stopping must be installed at each floor and ceiling junction in accordance with BCBC Section 9.10.16. Additionally, all installations must allow for proper drainage and avoid trapping moisture behind the furring system. Adhering to these practices ensures that the installation is compliant with Canadian building codes and delivers reliable fire, acoustic, and structural performance.

Fasteners

Furring channels may be secured to 1-1/2" cold-rolled channels using metal furring clips or tie wire. Alternatively, they can be fastened directly to the building structure using screws or power-actuated fasteners. Gypsum boards are subsequently fastened to the furring channels using screws.

Dimensions	inch	mm
Web (w)	1.25	31.75
Depth (d)	7/8	22.23
Flange width (f)	½	12.7
Length	12' (feet)	3660
Coating	G40 (150g/m2)	
Standard	ASTM A653	
Gauge 25	0.0188	0.478
Gauge 20	0.0359	0.911

Standard and Specification

Material and Coating manufactured to meet the requirement of ASTM A653/A653 -23

Standard		Minimum base Steel Thickness		Base Steel Design Thickness	
Gauge	(mil)	inch	mm	inch	mm
25	18	0.455	0.0179	0.478	0.018
20	33	0.836	0.0329	0.879	0.0346

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