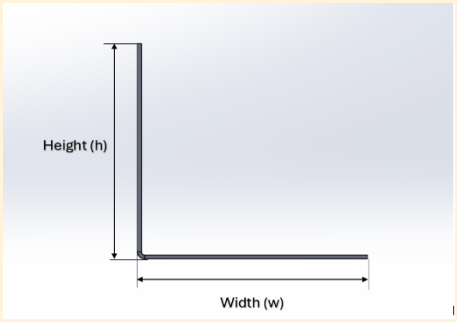
Samrat Building Supply Ltd.

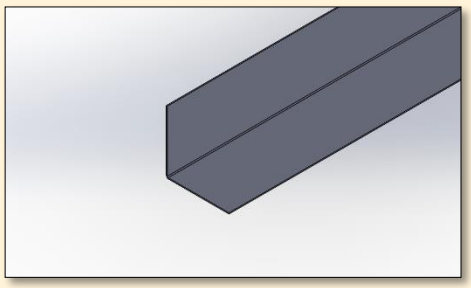
Your One-Stop Solution for High- Quality Toos and Hardware Products across Canada

WALL ANGLE

Wall Angles deliver flawless, professional finishes by creating sharp, clean edges where walls meet ceilings. Crafted for precision and durability, they elevate the look of any space by ensuring perfect alignment and protecting vulnerable corners from wear and damage. Easy to install and compatible with a variety of wall and ceiling materials, our Wall Angles are the go-to solution for builders, contractors, and designers seeking that polished, high-quality finish every time. your interiors with Wall Angles — the simple detail that makes a big difference.



Our Wall Angles are precision-engineered metal components manufactured in compliance with ASTM C645, ensuring superior quality and performance in interior finishing applications. Designed to create crisp, clean edges where walls meet ceilings, these angles provide excellent dimensional stability and corrosion resistance, thanks to high-grade galvanized steel construction per ASTM A653 standards.



INSTALLATION NOTE

The installation of wall angles is governed by key building codes and industry standards to ensure safety, durability, and performance. Both the NBC and the BCBC provide guidelines for non-structural steel framing and interior finish systems, including the use of wall angles at wall-to-ceiling transitions. These codes refer to ASTM C645 for material specifications and ASTM C754 for proper installation practices, including fastening methods and spacing. Together, these regulations ensure that wall angles are installed correctly to support gypsum panels, maintain fire and acoustic performance, and meet the overall requirements for code-compliant interior construction.

Fasteners

Wall angles are typically fastened using corrosion-resistant mechanical fasteners suitable for the specific substrate, such as wood, steel, or concrete. Common fasteners include drywall screws for wood or light-gauge steel framing, self-tapping screws for metal studs, and masonry anchors or concrete screws for solid surfaces. In high-efficiency applications, power-actuated fasteners may also be used. Fasteners should generally be spaced 12 to 16 inches (300–400 mm) apart, depending on code and installation requirements. All fasteners must comply with ASTM standards, such as ASTM C754 for installation practices and ASTM C1002 or C954 for screw performance, while galvanized or coated options are recommended for moisture-prone environments to prevent corrosion and ensure long-term durability.

Wall Angle	inch		mm	
Gauge	Height (h)	Width (w)	Height (h)	Width (w)
25	1.5	1.25	38.1	31.75
25	2	2	50.8	50.8
20	2	2	50.8	50.8

*Length available for all sizes of wall angle is 10feet.

*Material Coating: G40(150g/mm2)

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