STUDCO BUILDING SYSTEMS

Installation Guide - Strongarm

STRONGARM™

Steel Stud Systems

The Studco StrongArm™ structural wall brace is designed for rapid in-wall strengthening of free-standing steel stud walls commercial applications, where a structural member is required to limit deflection and improve rigidity. Made from 12mm thick steel and protected by a hot-dip galvanised coating, this super bracket can withstand extreme loads, is suitable for internal and external applications and is sure to save you time and money on your next project. Typical applications include; Free-standing walls, Balustrades, Nib walls, Bulkheads and Smoke baffles.

Table 63

Wall Height	STRONGARM - BRACKET/STUD SPACING	
600mm	Wall Stud type and Stud centres	Studco S92075 92mm x 0.75BMT lipped wall stud at 600mm centres
	M110 Bracket Spacing	Maximum 2400mm centers
900mm	Wall Stud type and Stud centres	Studco S92075 92mm x 0.75BMT lipped wall stud at 600mm centres
	M110 Bracket Spacing	Maximum 1800mm centers
1200mm	Wall Stud type and Stud centres	Studco S92075 92mm x 0.75BMT lipped wall stud at 600mm centres
	M110 Bracket Spacing	Maximum 1800mm centers
1500mm	Wall Stud type and Stud centres	Studco S92115 92mm x 1.15BMT lipped wall stud at 600mm centres
	M110 Bracket Spacing	Maximum 1800mm centers
1800mm	Wall Stud type and Stud centres	Studco S92115 92mm x 1.15BMT lipped wall stud at 450mm centres
	M110 Bracket Spacing	Maximum 1800mm centers
2100mm	Wall Stud type and Stud centres	Studco S92115 92mm x 1.15BMT lipped wall stud at 450mm centres
	M110 Bracket Spacing	Maximum 1350mm centers
2400mm	Wall Stud type and Stud centres	Studco S92115 92mm x 1.15BMT lipped wall stud at 450mm centres
	M110 Bracket Spacing	Maximum 900mm centers

Notes:
1. Use Minimum 4No x 12mm masonary anchors with minimum 60mm embedment into concrete is required to fix the bracket to the substrate.
2. The design is for max 0.4kpa Ultimate internal pressure.
3. The Live impact load of 0.75kN been considered.
4. The absolute deflection is limited to max 12mm.
5. All specifications and design criteria should be confirmed by the project engineer prior to installation.

M110 Strongarm bracket installed.