

Product Name: H-Stud & C-Runner

Product Category:

nonstructural metal stud framing:

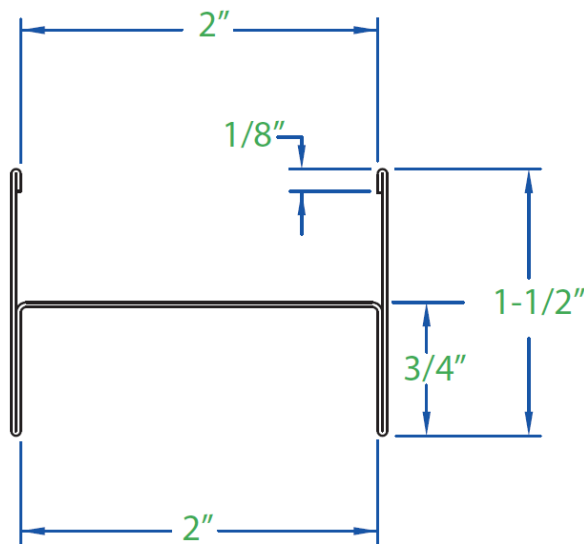
specification section 09 22 16

Available Coatings: G40 (standard)

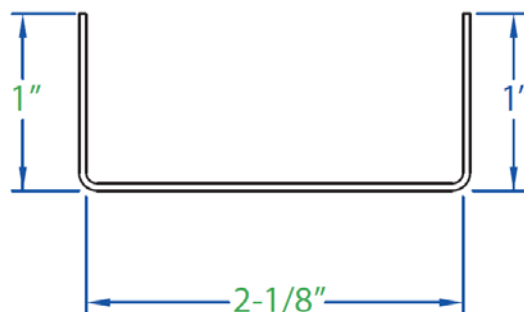
AISI Nomenclature: n/a

Product Description:

Super Stud H-Studs and C-Runners are used in conjunction with 1" fire rated gypsum liner panels to create 2-hour fire rated area separation walls between multi-family units. C runners are installed at the bottom and each end of the Area Separation walls, then double-layer liner panels are installed between H-studs at 24" on center. These assemblies can be stacked between levels of multi-story structures, and must be braced off to the adjacent walls of wood or steel construction using aluminum breakaway clips. See the product literature from liner panel manufacturers for additional information and specifics of fire rated assemblies.



H-Stud



C-Runner

SYSTEM PROPERTIES

Members are standard 18 mil (25 gauge). Properties for system strength and deflection are based on the full, assembled system including liner panels and end supports: H-Studs must be fully supported on both flanges with double liner panels. See gypsum company requirements for limiting heights and load capacities, typically based on 5 pounds per square foot (PSF) interior pressure.

FIRE RATED ASSEMBLIES

Super Stud H-Stud and C-Runner comply with the requirements and are acceptable components of the following fire rated area separation wall assemblies, listed in the Underwriters Laboratories (UL) directory:

U336	U366	U375	U347	U373	U388
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CODES & STANDARDS

Members are galvanized in accordance with ASTM A653, G40 minimum. Steel complies with ASTM A1003 for chemical composition and coating. Members comply with ASTM C645, and properly constructed assemblies comply with ASTM C754.