

2" 25ga Area Separation Wall Assemblies

ClarkDietrich 2-hour H-Stud fire-rated assembly.

ClarkDietrich H-Studs are 2" wide vertical members used to secure two 1" thick pieces of gypsum shaft liner in Area Separation Wall assemblies. H-Studs are inserted into C-Runners and slid over gypsum panel liner edges. The process is repeated until the desired wall length is achieved. Once the wall is plumbed it is secured at the floor, roof and truss line with aluminum breakaway clips.

ClarkDietrich aluminum breakaway clips are used as part of the H-Stud Area Separation Wall assembly and are designed to melt and break away when exposed to fire. The clips are used to hold the Area Separation Wall assembly in place at the floor roof and truss line between adjacent units.

Product Material Thickness:

Member	Minimum thickness			Design thickness
	(mils)	gauge	(in.)	(in.)
H-Stud & C-Runner	18	25	0.0179	0.0188
Breakaway Clip	2" x 2" x 2-1/2" 0.050" or 0.063"* Aluminum Clip			

ASTM & Code Standards:

- Area Separation products are produced to meet or exceed ASTM C645
- UL Design No. U336, U347, U366, U373 and U375
- ICC-ES Legacy Report 92-19
 - *0.063 Clip meets requirements for Legacy Report 92-19
- Galvanized sheet steel meets or exceeds requirements of ASTM A1003

For more information about either of these systems, refer to ClarkDietrich's H-Stud Area Separation Wall Systems brochure at www.clarkdietrich.com

09.22.16 (Non-Structural Metal Framing)



GREEN Benefits and Recycled Content:

LEED Credit MR 2 - ClarkDietrich products are manufactured from cold-formed steel. Steel is 100% recyclable, which helps divert debris from the waste stream. The contribution to LEED must be calculated by the contractor based on weight or volume.

LEED Credit MR 4 - ClarkDietrich's steel products have a minimum recycled content of 34.9%, of which 24.3% is post-consumer, and 9.4% is pre-consumer. To report a higher number for your project or seek Credit MR 5, contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com.

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Project Information

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Contractor Information

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Architect Information

Name:

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