

Gusset Plate (G546)

16 Gauge (54mil) Gusset plate for easier and faster attachments of X-Bracing or roof framing

The G-Series™ gusset plates are multipurpose connectors used in a variety of framing connections including roof framing, header framing and shear wall applications. Adapts to varying construction tolerances and multiple configurations.

The G-Series™ gusset plate is also prepunched with a series of round, square and triangle holes to ensure proper fastener placement for specified loads.

Product Data & Ordering Information:

Material:	Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)
Coating:	G90 (Z275) hot-dipped galvanized coating
Thickness:	16 Gauge (54mil) 0.0566" Design thickness 0.0538" Minimum thickness
Dimensions:	6" x 8-1/2" long (152.4mm x 215.9mm)
Packaging:	50 pieces per bucket
Product Weight:	0.81 lb / piece

Installation:

Install the G-Series™ Gusset Plate to reinforce framing connections including x-bracing, roof trusses, shear walls headers, etc. Install the required number of screws as needed to achieve the required loading. It is recommended that you enlist the services of a qualified professional engineer to verify the applicability of the system selected.

ASTM & Code Standards:

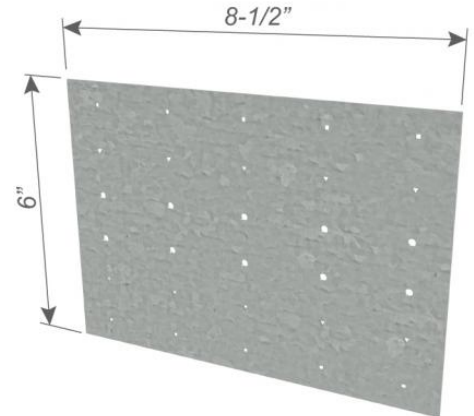
- Sheet steel meets or exceeds requirements of ASTM A1003
- Galvanized coating meets or exceeds requirements of ASTM A653
- SDS & Product Certification Information available at www.clarkdietrich.com/SupportDocs

05.40.00 (Cold-Formed Metal Framing)



Rigid Connections

- Multi-hole shapes for proper fastening to achieve desired performance criteria
- Eliminates angled cutting
- Mill-certified 50 ksi steel



Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED

LEED v4 MR Credit -- Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)

Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
Phone:
Fax: