

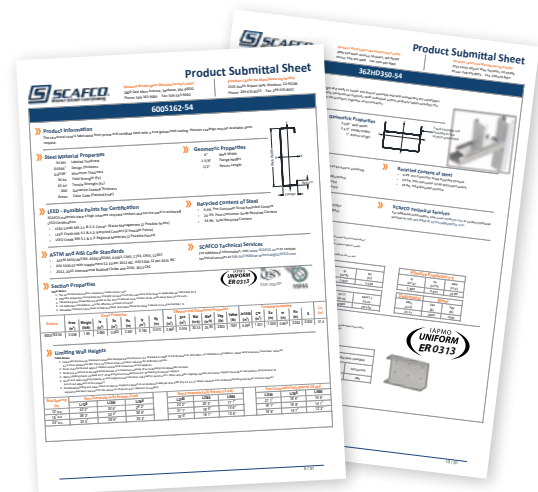


## Certification of Materials

### Submittal Builder

SCAFCO's Submittal Builder is a premium online tool that helps compile the product data that architects, engineers, and general contractors require.

- SCAFCO's Submittal Builder creates a project cover page that includes
  - Project name
  - Project location
  - Name of general contractor
  - Name of architect and engineer
- Organizes the submittal sheet by product category
  - Option to include LEED information and SDS sheets
- Generates a table of contents
- Allows you to e-mail a link or PDF of your submittal



SCAFCO hereby certifies that all light gauge steel framing products manufactured by SCAFCO are compliant with all applicable standards and codes as listed below:

### Code Approvals

- IAPMO ER-0313
- IAPMO ER-0283
- IAPMO ER-0342
- IAPMO ER-0494
- UL ER3660-02

### Design Specifications / Manuals

- North American Specification for the Design of Cold-Formed Steel Structural Members, NASPEC 2016 Edition S100-16
- Gypsum Association Fire Resistance Design Manual

### Material / Product Specification

#### Nonstructural (Drywall) Products:

18-30 mil: 33 ksi  
 25EQ: 50 ksi  
 20EQ, 30EQD: 57 ksi.....ASTM A1003/A653, C645

#### Structural Framing Products:

33-43 mil: 33ksi  
 33EQS, 43EQS: 57 ksi  
 54-127 mil: 57 ksi.....ASTM A1003/A653, C955

### Coating Specification

#### Nonstructural (Drywall) Products:

25EQ, 20EQ, 30EQD  
 18-30 mil: G40.....ASTM A1003/A653, C645

#### Structural Framing Products:

33EQS, 43EQS, 33-97 mil: G60  
 118-127 mil: G90.....ASTM A1003/A653, C955

Note: Contact SCAFCO for heavier coating thickness availability.

### For Product Specifications:



### Recycled Content – LEED

SCAFCO materials have a high inherent recycled content of steel and can be used in achieving Leadership in Energy and Environmental Design (LEED) certification. For more information, contact SCAFCO at 509-789-8669 or Technical@SCAFCO.com.

### American Society for Testing and Materials (ASTM)

- A653  
Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated by the Hot-Dip Process
- A924  
Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
- A1003  
Standard Specification for Steel Sheet, Carbon, Metallic-Coated for Cold-Formed Framing Members
- C645  
Standard Specification for Nonstructural Steel Framing Members
- C754\*  
Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
- C955  
Standard Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases
- C1007\*  
Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories
- E72  
Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- E90  
Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- E119  
Standard Test Methods for Fire Tests of Building Construction and Materials

For referenced ASTM standards, visit the ASTM website at [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org).

\* SCAFCO Recommended Installation Methods