Product category: ProSTUD® 20 Drywall Stud
Product name: 362PDS125-18 70ksi G40EQ - Punched

Coating: G40EQ
Color coding: Brown

Geometric Properties
- Web depth: 3.625 in
- Flange width: 1.250 in
- Stiffening lip: 0.325 in
- Design thickness: 0.0190 in
- Minimum thickness: 0.0181 in
- Yield stress, Fy: 70 ksi

Notes:
- Calculated properties are based on AISI S100-12, North American Specification for Design of Cold-Formed Steel Structural Members and AISI S220-15, North American Standard for Cold-Formed Steel Framing - Nonstructural Members.
- Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
- Tabulated gross properties, including torsional properties, are based on full-unreduced cross section of the studs, away from punchouts.
- For deflection calculations, use the effective moment of inertia.
- Allowable moment includes cold work of forming.
- Allowable moment is taken as the lowest value based on local or distortional buckling. Distortional buckling strength is based on a k-phi = 0.

- East Coast Punch Pattern: Center of knockouts are 12" from the leading edge then 48" o.c.
- West Coast Punch Pattern: Center of knockouts are 24" from the leading edge then 24" o.c.

ASTM & Code Standards:
- AISI S100-12 & S220-15
- Meets or exceeds ASTM C645 & C754
- ASTM E119, E72 & E90
- Intertek CCRR-0207, LA RR 26019
- ProSTUD complies with the SFIA Code Compliance Certification Program
- Multiple UL® Design Listing including: V438, V450 & U419
- SDS & Product Certification Information available at www.clarkdietrich.com
- U.S. Patent No. 9,010,070

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)
Product category: ProSTUD® 20 Drywall Stud  
Product name: 362PDS125-18 70ksi G40EQ - Punched  
3-5/8” ProSTUD 20 (18mil)

### 3-5/8” ProSTUD 20 (18mil) Drywall Stud - COMPOSITE Limiting Heights (AC86-2015)

(1 layer) 5/8” Type X Gypsum Board

<table>
<thead>
<tr>
<th>Spacing (inches)</th>
<th>5 psf</th>
<th>7.5 psf</th>
<th>10 psf</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L/120</td>
<td>L/240</td>
<td>L/360</td>
</tr>
<tr>
<td>12</td>
<td>22'-0&quot;</td>
<td>18'-2&quot;</td>
<td>15'-8&quot;</td>
</tr>
<tr>
<td>16</td>
<td>20'-6&quot;</td>
<td>16'-10&quot;</td>
<td>14'-7&quot;</td>
</tr>
<tr>
<td>24</td>
<td>18'-4&quot;</td>
<td>15'-1&quot;</td>
<td>13'-0&quot;</td>
</tr>
</tbody>
</table>

Composite Table Notes:
- Allowable composite limiting heights were determined in accordance with ICC-ES AC86-2015.
- Additional composite wall testing and analysis requirements of the SFIA Code Compliance Certification Program were observed.
- In accordance with current building codes and AISI design standards, the 1/3 Stress Increase for strength was not used.
- The composite limiting heights provided in the tables are based on a single layer of type X gypsum board from the following manufacturers: American, CertainTeed, Georgia Pacific, Continental, National, PABCO, and USG.
- The gypsum board must be applied full height in the vertical orientation to each stud flange and installed in accordance with ASTM C754 using minimum No. 6 Type S Drywall screws spaced as listed below:
  - Screws spaced a minimum of 16 in on-center to framing members spaced at 16 in or 12 in on-center.
  - Screws spaced a minimum of 12 in on-center to framing members spaced at 24 in on-center.
  - No fasteners are required for attaching the stud to the track except as detailed in ASTM C754.
  - Stud end bearing must be a minimum of 1 inch.
- f: Adjacent to the height value indicates that flexural stress controls the allowable wall height.
- s: Adjacent to the height value indicates that shear/end reaction controls the allowable wall height.

### 3-5/8” ProSTUD 20 (18mil) Drywall Stud - NON-COMPOSITE Limiting Heights (FULLY BRACED)

<table>
<thead>
<tr>
<th>Spacing (inches)</th>
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</tr>
<tr>
<td>24</td>
<td>14'-5&quot;</td>
<td>11'-6&quot;</td>
<td>10'-1&quot;</td>
</tr>
</tbody>
</table>

Non-Composite Table Notes:
- Heights are based on AISI S100-12, North American Specification, and AISI S220-15, North American Standard for Cold-Formed Steel Framing - Nonstructural Members, using steel properties alone.
- Above listed Non-Composite Limiting Heights are applicable when the unbraced length is less than or equal to Lu.
- Heights are limited by moment, deflection, shear, and web crippling (assuming 1" end reaction bearing).

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**Project Information**

Name:  
Address:  

**Contractor Information**

Name:  
Contact:  
Phone:  
Fax:  

**Architect Information**

Name:  
Contact:  
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Fax: