Product submittal information for:

**Metal Lath and Finishing Accessories:**
- SF Dimple Lath
- #1A Corner Bead
- #66X Casing Bead
- #15 CJ
- #38, #50, #75 Zinc CJ
- #7 7/8” Sill Screed

**SUBMITTAL**

For the proposed new construction of:

Date: 6/25/13

**Contractor Information:**

**GC Information:**

**Architect Information:**

**Distributor Information:**

Developed using CD SubmittalPro System
submitalpro.clarkdietrich.com

For product technical & engineering support
call ClarkDietrich’s Tech Support: (888) 437-3244
Dimple Self Furring Lath
A Galvanized Expanded Steel Plaster/Stucco Base

A self furring expanded dimpled metal lath ideal for interior and exterior use over sheathing, masonry and other solid surfaces as required per ASTM C1063. The dimple self-furring plaster base is manufactured with evenly spaced indentations that hold the metal lath ¼" away from the surface to be plastered. Self-furring metal lath is available with or without a Grade D asphalt paper-backing, breather sheet.

Product Data & Ordering Information:
Material: G-60 Galvanized Steel
Packaged: 25 bundles or 250 pieces per pallet

<table>
<thead>
<tr>
<th>Finish</th>
<th>Wt. per Sq Yd.</th>
<th>Sheet Size</th>
<th>Pcs./Bdl.</th>
<th>Yds./Bdl.</th>
<th>Yds./Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galv.</td>
<td>2.5 lbs.</td>
<td>27&quot; x 97&quot;</td>
<td>10</td>
<td>20</td>
<td>500</td>
</tr>
<tr>
<td>Galv.</td>
<td>3.4 lbs.</td>
<td>27&quot; x 97&quot;</td>
<td>10</td>
<td>20</td>
<td>500</td>
</tr>
</tbody>
</table>

ASTM & Code Standards:
- ASTM C841 (interior), C1063 (exterior), C847, CE 240.01 and ML/SFA-920
- All Expanded Metal Lath is fabricated from prime galvanized steel, G60 zinc coating by the hot dipped method, conforming to Specification ASTM A-653/A-653M.
- MSDS & Product Certification Information is available @ clarkdietrich.com.
- For installation and placement instruction refer to ASTM C1063 and C841.

Storage:
All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination. Per ASTM C-1063

Limitations:
Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives.

Related Products:
- Diamond Mesh V-Groove Self Furring Metal Lath
- Diamond Mesh Asphalt Paper-Backed Grade D Diamond Mesh Metal Lath
- 3/8" High Rib Metal Lath

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.

Project Information
Name: 
Address: 

Contractor Information
Name: 
Contact: 
Phone: 
Fax: 

Architect Information
Name: 
Contact: 
Phone: 
Fax:
#1A Expanded corner bead

Expanded flange corner bead for exterior corners

A greatly preferred all purpose exterior corner bead. Strong and economical with multiple general use purposes. The wide expanded wing flanges are flexible and can compensate for most irregular surfaces providing even grounds and straight corners. The expanded steel near the nose of the corner bead provides multiple plastering and stucco keys allowing for reinforcement and strength where it is needed the most. Used to reinforce Portland cement stucco at external corners.

Product Data & Ordering Information:
Material: .0172 base steel, 26 Gauge, G-60 Hot-Dipped Galvanized Steel. Also available in 99.97% pure Zinc, compliant with ASTM B-69.
Dimensions: 2-7/8” Full Wing Flange
Packaging: 20 Cartons per pallet.

<table>
<thead>
<tr>
<th>Length</th>
<th>Pieces/Ctn</th>
<th>Feet/Ctn</th>
<th>Carton/Skid</th>
<th>Weight/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>30</td>
<td>300’</td>
<td>20</td>
<td>49 lbs.</td>
</tr>
</tbody>
</table>

ASTM & Code Standards:
• ASTM C841 (interior), C1063, CE 240.01 (exterior), ASTM C926, UBC, ML/SFA-920, the International Code Council IBC and IRC.
• All Expanded Metal Lath Accessories are fabricated from prime galvanized steel G60 zinc coating by the hot dipped method, conforming to steel and coating specification ASTM A-653/A-653M or zinc alloy meeting ASTM B-69 as required in ASTM C1063 and C847.
• MSDS & Product Certification Information is available at www.clarkdietrich.com
• For installation and placement instructions refer to ASTM C1063, C841 and C926.

Storage:
All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination conforming to ASTM C-1063

Limitations:
Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. The selection of the appropriate type of material for accessories shall be determined by the surrounding climatic and environmental conditions such as salt air, industrial pollution and high humidity.

Related Accessories:
• #2A-Reinforced Flange Expanded Corner Bead
• Cornerite – Used as a plaster reinforcement on inside corners

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.
#66X Casing Bead
Expanded flange casing bead or Plaster Stop

Used as a stucco/plaster stop to provide a screed edge and protective finish trim while terminating plaster in a clear straight line at doors, windows, or other openings. Also, recommended as an edge divider between plaster and other dissimilar materials.

Product Data & Ordering Information:
Material: 26 Gauge, G-60 Hot-Dipped Galvanized Steel.
Also available in 99.97% pure Zinc, compliant with ASTM B-69.
Dimensions: 3/8” to 1-1/4” Grounds, 10’ lengths.
Packaging: 20 Cartons per pallet.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Pcs./Ctn.</th>
<th>Ft./Ctn.</th>
<th>Wt./Ctn.</th>
<th>Ctn/skid</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>46 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>46 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>49 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>49 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>7/8&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>54 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>1&quot;</td>
<td>10'</td>
<td>30</td>
<td>300</td>
<td>56 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>1-1/4&quot;</td>
<td>10’</td>
<td>30</td>
<td>300</td>
<td>60 lbs.</td>
<td>20</td>
</tr>
</tbody>
</table>

ASTM & Code Standards:
• ASTM C841 (interior), C1063 (exterior), CE 240.01, ASTM C926, ML/SFA-920, the International Code Council IBC and IRC.
• All Expanded Metal Lath Accessories are fabricated from prime galvanized steel G60 zinc coating by the hot dipped method, conforming to steel and coating specification ASTM A-653/A-653M or zinc alloy meeting ASTM B-69 as required in ASTM C1063 and C847.
• MSDS & Product Certification Information is available at www.clarkdietrich.com
• For installation and placement instructions refer to ASTM C1063, C841 and C926.

Storage:
All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination conforming to ASTM C-1063

Limitations:
Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. The selection of the appropriate type of material for accessories shall be determined by the surrounding climatic and environmental conditions such as salt air, industrial pollution and high humidity.

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.
#15 Control joint

Expanded flange control joint

#15 Expanded flange control joint (double V) is used to relieve stresses in large plastered areas of walls, ceilings and stucco areas. This nearly inconspicuous expanded wing control joint minimizes cracking and assures proper plaster and stucco thickness.

Product Data & Ordering Information:

Material: 26 Gauge, G-60 Hot-Dipped Galvanized Steel.
Also available in 99.97% pure Zinc, compliant with ASTM B-69.

Grounds: 3/8”, 1/2”, 3/4” & 7/8” Grounds, 10’ lengths.

Packaging: 20 Cartons per pallet.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Pcs./Ctn.</th>
<th>Ft./Ctn.</th>
<th>Wt./Ctn.</th>
<th>Ctn/skid</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>47 lbs.</td>
<td>36</td>
</tr>
<tr>
<td>1/2”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>54 lbs.</td>
<td>27</td>
</tr>
<tr>
<td>3/4”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>69 lbs.</td>
<td>30</td>
</tr>
<tr>
<td>7/8”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>76 lbs.</td>
<td>30</td>
</tr>
</tbody>
</table>

ASTM & Code Standards:

• ASTM C841 (interior), C1063 (exterior), CE 240.01, ASTM C926, ML/SFA-920, the International Code Council IBC and IRC.
• All Expanded Metal Lath Accessories are fabricated from prime galvanized steel G60 zinc coating by the hot dipped method, conforming to steel and coating specification ASTM A-653/A-653M or zinc alloy meeting ASTM B-69 as required in ASTM C1063 and C847.
• MSDS & Product Certification Information is available at www.clarkdietrich.com
• For installation and placement instructions refer to ASTM C1063, C841 and C926.

Storage:
All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination conforming to ASTM C-1063

Limitations:
Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. The selection of the appropriate type of material for accessories shall be determined by the surrounding climatic and environmental conditions such as salt air, industrial pollution and high humidity.

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.
Zinc #38, #50 & #75 Control joint
A Zinc solid flange control joint

A solid flange or wing zinc control joint that resists corrosion on interior and exterior applications of plaster and stucco. The #38, #50 & #75, is used to relieve stresses in large plastered areas of walls, ceilings and stucco areas. This nearly inconspicuous solid wing control joint minimizes cracking and assures proper plaster and stucco thickness. Clean up tape is provided for a neatly finished job.

Product Data & Ordering Information:
Material: 99.97% pure Zinc, compliant with ASTM B-69.
Grounds: 3/8”, ½” & 3/4” Grounds, 10’ lengths.
Packaging: 240 lf or 24 pieces per carton

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Pcs./Ctn.</th>
<th>Ft./Ctn.</th>
<th>Wt./Ctn.</th>
<th>Ctn/skid</th>
</tr>
</thead>
<tbody>
<tr>
<td>#38 - 3/8”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>52 lbs.</td>
<td>32</td>
</tr>
<tr>
<td>#50 - 1/2”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>56 lbs.</td>
<td>36</td>
</tr>
<tr>
<td>#75 - 3/4”</td>
<td>10’</td>
<td>24</td>
<td>240</td>
<td>60 lbs.</td>
<td>30</td>
</tr>
</tbody>
</table>

ASTM & Code Standards:
• ASTM C841 (interior), C1063 (exterior), CE 240.01, ASTM C926, ML/SFA-920, the International Code Council IBC and IRC.
• All Expanded Metal Lath Accessories are fabricated from prime galvanized steel G60 zinc coating by the hot dipped method, conforming to steel and coating specification ASTM A-653/A-653M or zinc alloy meeting ASTM B-69 as required in ASTM C1063 and C847.
• MSDS & Product Certification Information is available at www.clarkdietrich.com.
• For installation and placement instructions refer to ASTM C1063, C841 and C926.

Storage:
All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination conforming to ASTM C-1063.

Limitations:
Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. The selection of the appropriate type of material for accessories shall be determined by the surrounding climatic and environmental conditions such as salt air, industrial pollution and high humidity.

GREEN Benefits and Recycled Content:
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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.
#7 Foundation sill screed

Exterior base sill screed system

Used with 7/8” three coat cement stucco systems. Installed at the juncture of the mud-sill and the exterior concrete foundation, to allow trapped moister or water to drain to the exterior of the building. The #7 style screed is manufactured in compliance with ASTM standards and has the minimum requirement of 26 gauge G60 zinc coated steel and a 3-1/2” solid nailing flange.

Product Data & Ordering Information:

- **Material:** 26 Gauge, G-60 Hot-Dipped Galvanized Steel.
- **Dimensions:** 3-1/2” Flange x 7/8” ground x 10’ lengths.
- **Packaging:** 1000 Cartons per pallet.

<table>
<thead>
<tr>
<th>Ground</th>
<th>Flange</th>
<th>Length</th>
<th>Pcs./Bdl.</th>
<th>Pcs./Pallet</th>
<th>Weight/Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8”</td>
<td>3-1/2”</td>
<td>10’</td>
<td>10</td>
<td>1000</td>
<td>4010</td>
</tr>
</tbody>
</table>

**ASTM & Code Standards:**

- ASTM C1063, CE 240.01 (exterior), ASTM C926, UBC, ML/SFA-920, the International Code Council IBC and IRC.
- All Expanded Metal Lath Accessories are fabricated from prime galvanized steel G60 zinc coating by the hot dipped method, conforming to steel and coating specification ASTM A-653/A-653M or zinc alloy meeting ASTM B-69 as required in ASTM C1063 and C847.
- MSDS & Product Certification Information is available at [www.clarkdietrich.com](http://www.clarkdietrich.com)
- For installation and placement instructions refer to ASTM C1063, C841 and C926.

**Storage:**

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather and surface contamination conforming to ASTM C-1063

**Limitations:**

Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. The selection of the appropriate type of material for accessories shall be determined by the surrounding climatic and environmental conditions such as salt air, industrial pollution and high humidity.

**Related Accessories:**

- #7 1-3/8” Foundation Sill Screed
- #36 Foundation Sill Screed

**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](http://www.clarkdietrich.com).

---

<table>
<thead>
<tr>
<th>Project Information</th>
<th>Contractor Information</th>
<th>Architect Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Name:</td>
<td>Name:</td>
</tr>
<tr>
<td>Address:</td>
<td>Contact:</td>
<td>Contact:</td>
</tr>
<tr>
<td></td>
<td>Phone:</td>
<td>Phone:</td>
</tr>
<tr>
<td></td>
<td>Fax:</td>
<td>Fax:</td>
</tr>
</tbody>
</table>
ClarkDietrich™ PRODUCT INFORMATION

Example: 362S162-43 (33ksi, CP60) punched

ClarkDietrich structural member depths, flanges & available thickness

<table>
<thead>
<tr>
<th>Member depths</th>
<th>Flange widths range</th>
<th>Mils range</th>
<th>Gauge range</th>
</tr>
</thead>
<tbody>
<tr>
<td>(250) 2-1/2&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>33–68</td>
<td>20–14 ga</td>
</tr>
<tr>
<td>(350) 3-1/2&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>33–68</td>
<td>20–14 ga</td>
</tr>
<tr>
<td>(362) 3-5/8&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>33–97</td>
<td>20–12 ga</td>
</tr>
<tr>
<td>(400) 4&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>33–97</td>
<td>20–12 ga</td>
</tr>
<tr>
<td>(550) 5-1/2&quot;</td>
<td>1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>33–97</td>
<td>20–12 ga</td>
</tr>
<tr>
<td>(600) 6&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot; &amp; 3&quot;</td>
<td>33–97</td>
<td>20–12 ga</td>
</tr>
<tr>
<td>(800) 8&quot;</td>
<td>1-3/8&quot; 1-5/8&quot; 2&quot; &amp; 2-1/2&quot; &amp; 3&quot;</td>
<td>33–97</td>
<td>20–12 ga</td>
</tr>
<tr>
<td>(925) 9-1/4&quot;</td>
<td>1-5/8&quot; 2&quot; &amp; 2-1/2&quot;</td>
<td>43–97</td>
<td>18–12 ga</td>
</tr>
<tr>
<td>(1000) 10&quot;</td>
<td>1-5/8&quot; 2&quot; &amp; 2-1/2&quot; &amp; 3&quot;</td>
<td>43–97</td>
<td>18–12 ga</td>
</tr>
<tr>
<td>(1200) 12&quot;</td>
<td>1-5/8&quot; 2&quot; 2-1/2&quot; &amp; 3&quot;</td>
<td>54–97</td>
<td>16–12 ga</td>
</tr>
<tr>
<td>(1400) 14&quot;</td>
<td>1-5/8&quot; 2&quot; 2-1/2&quot; &amp; 3&quot;</td>
<td>54–97</td>
<td>16–12 ga</td>
</tr>
</tbody>
</table>

ClarkDietrich return lip dimensions

<table>
<thead>
<tr>
<th>Flange width</th>
<th>Return lip</th>
<th>Member depths</th>
</tr>
</thead>
<tbody>
<tr>
<td>137 (1-3/8&quot;)</td>
<td>3/8&quot;</td>
<td>3-5/8&quot;–4&quot;</td>
</tr>
<tr>
<td>162 (1-5/8&quot;)</td>
<td>1/2&quot;</td>
<td>2-1/2&quot;–14&quot;</td>
</tr>
<tr>
<td>200 (2&quot;)</td>
<td>5/8&quot;</td>
<td>3-5/8&quot;–4&quot;</td>
</tr>
<tr>
<td>250 (2-1/2&quot;)</td>
<td>5/8&quot;</td>
<td>3-5/8&quot;–14&quot;</td>
</tr>
<tr>
<td>300 (3&quot;)</td>
<td>5/8&quot;</td>
<td>6&quot;–14&quot;</td>
</tr>
</tbody>
</table>

ClarkDietrich thickness identification and color coding

<table>
<thead>
<tr>
<th>Member code</th>
<th>Thickness gauge</th>
<th>Design thickness</th>
<th>Min. thickness</th>
<th>Color code</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>20</td>
<td>0.0346&quot;</td>
<td>0.0329&quot;</td>
<td>White</td>
</tr>
<tr>
<td>43</td>
<td>18</td>
<td>0.0451&quot;</td>
<td>0.0428&quot;</td>
<td>Yellow</td>
</tr>
<tr>
<td>54</td>
<td>16</td>
<td>0.0566&quot;</td>
<td>0.0538&quot;</td>
<td>Green</td>
</tr>
<tr>
<td>68</td>
<td>14</td>
<td>0.0713&quot;</td>
<td>0.0677&quot;</td>
<td>Orange</td>
</tr>
<tr>
<td>97</td>
<td>12</td>
<td>0.1017&quot;</td>
<td>0.0966&quot;</td>
<td>Red</td>
</tr>
</tbody>
</table>

Old stud/track designations

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type</th>
<th>Flange/leg</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSE</td>
<td>Stud</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td>CSJ</td>
<td>Stud</td>
<td>1-5/8&quot;</td>
</tr>
<tr>
<td>CSW</td>
<td>Stud</td>
<td>2&quot;</td>
</tr>
<tr>
<td>CSE</td>
<td>Stud</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>CSS</td>
<td>Stud</td>
<td>3&quot;</td>
</tr>
<tr>
<td>TSB</td>
<td>Track</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td>TSC</td>
<td>Track</td>
<td>2&quot;</td>
</tr>
<tr>
<td>TSE</td>
<td>Track</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

ClarkDietrich return lip dimensions

<table>
<thead>
<tr>
<th>Flange width</th>
<th>Return lip</th>
<th>Member depths</th>
</tr>
</thead>
<tbody>
<tr>
<td>137 (1-3/8&quot;)</td>
<td>3/8&quot;</td>
<td>3-5/8&quot;–4&quot;</td>
</tr>
<tr>
<td>162 (1-5/8&quot;)</td>
<td>1/2&quot;</td>
<td>2-1/2&quot;–14&quot;</td>
</tr>
<tr>
<td>200 (2&quot;)</td>
<td>5/8&quot;</td>
<td>3-5/8&quot;–4&quot;</td>
</tr>
<tr>
<td>250 (2-1/2&quot;)</td>
<td>5/8&quot;</td>
<td>3-5/8&quot;–14&quot;</td>
</tr>
<tr>
<td>300 (3&quot;)</td>
<td>5/8&quot;</td>
<td>6&quot;–14&quot;</td>
</tr>
</tbody>
</table>

ClarkDietrich thickness identification and color coding

<table>
<thead>
<tr>
<th>Member code</th>
<th>Thickness gauge</th>
<th>Design thickness</th>
<th>Min. thickness</th>
<th>Color code</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>20</td>
<td>0.0346&quot;</td>
<td>0.0329&quot;</td>
<td>White</td>
</tr>
<tr>
<td>43</td>
<td>18</td>
<td>0.0451&quot;</td>
<td>0.0428&quot;</td>
<td>Yellow</td>
</tr>
<tr>
<td>54</td>
<td>16</td>
<td>0.0566&quot;</td>
<td>0.0538&quot;</td>
<td>Green</td>
</tr>
<tr>
<td>68</td>
<td>14</td>
<td>0.0713&quot;</td>
<td>0.0677&quot;</td>
<td>Orange</td>
</tr>
<tr>
<td>97</td>
<td>12</td>
<td>0.1017&quot;</td>
<td>0.0966&quot;</td>
<td>Red</td>
</tr>
</tbody>
</table>

How to Identify Our Products

ClarkDietrich has adopted standard nomenclature established by the American Iron and Steel Institute (AISI) for identifying each of its products. Coding of each member consists of four parts, in this order:

- A number which identifies the web depth of the member to two decimal places. 600 = 6.00", 1000 = 10.00", 550 = 5.50", 362 = 3.625", etc.
- A letter that tells you the type of member, such as S = Stud/joist, T = Track, U = U-channel, and F = Furring channel.
- A number that defines the flange dimension in inches to two decimal places. 162 = 1.625", 200 = 2.00", 125 = 1.25", etc.
- A number following a hyphen that denotes the minimum delivered thickness in mils (33mils = 33/1000 inches which is approximately 0.0329"). Minimum delivered thickness is 95% of design thickness.

Product availability.

Most products manufactured by ClarkDietrich are readily available in all markets, but there can be exceptions. Please contact your ClarkDietrich Sales Representative to make sure the product you need is available in your market area.

Protective coatings.

Non-structural products are coated to meet the minimum requirements of ASTM C645, with a G40 or a protective coating with an equivalent corrosion resistance, including coatings listed in Table 1 of ASTM A1003. Performance coatings meet the metallic equivalency requirement of C645 by satisfying section 9.1.3 of ASTM A1003 (75 hours in an ASTM B117 salt spray test). Non-structural products may also be ordered with enhanced coatings for special applications.

Structural framing products are available with a variety of protective coatings that meet the CP60 coating protection level requirements of AISI S200 and ASTM C955. These coatings may include G60, A60, AZ50 or GF30, all of which satisfy the above referenced standards. G90 coatings are an enhanced option that can be requested for highly corrosive environments. ClarkDietrich can supply a specific or enhanced coating to meet specific project requirements when requested. The buyer is solely responsible to assure that product is ordered to properly satisfy the applicable code or specification.
Material Certification - ClarkDietrich products meet or exceed these applicable performance standards.

**Structural framing standards**
- AISI S100-07 “North American Specification for the Design of Cold-Formed Steel Structural Members, 2001 with 2010 supplement”
- ASTM C955 Load-bearing steel framing
- ASTM C1007 Installation
- ASTM A1003 Material specification for steel sheet

**Protective coating standards**
- ASTM A653 Zinc-coated hot-dip process
- ASTM A792 55% aluminum-zinc alloy-coated hot-dip process
- ASTM A875 Zinc-5% aluminum alloy-coated hot-dip process
- ASTM A924 Metallic-coated hot-dip process

**Additional code approvals**
- SFIA (Steel Framing Industry Association) ICC-ES ESR 1166P

**Metal lath & accessories**
- ASTM C847 Metal lath
- ASTM C841 Installation of interior lathing & furring
- ASTM C1063 Installation of lathing & furring
- ASTM A653 Zinc-coated hot-dip process
- ASTM A1047 Accessories standards—control joints
- ASTM A924 Metallic-coated hot-dip process
- UUB790A APB type 1, grade D, style 2
- CE 240.01 Furring (metal) lathing and plastering
- EMLA 920 Guide specs for metal lathing & furring

**Additional code approvals**
- ICC ESR-2698 & ESR-2161

ClarkDietrich Building Systems has prepared this literature with the utmost diligence and care for accuracy and conformance to standards. ClarkDietrich Building Systems reserves the right to modify or change any information contained in this literature without notification.

ClarkDietrich Building Systems intends this information to be accurate, informative, and helpful as a selection guide for choosing ClarkDietrich Building System products. However, this information is only to be used for guidance and is not intended to replace the design, drawings, specifications, and decisions of a professional architect or engineer.

ClarkDietrich Building Systems or its affiliates shall not be responsible for incidental or consequential damages, directly or indirectly sustained, nor for loss caused by application of our products for other than their intended uses. Our liability is limited to replacement of defective products. Claims shall be deemed waived unless they are made to us in writing within thirty (30) days of the date a problem was or reasonably should have been discovered.

ClarkDietrich structural and nonstructural framing comply with the SFIA Code Compliance Program. ClarkDietrich is a member of SFIA.

Check the updated list of Certified Production Facilities at Architectural Testing’s website at www.archtest.com.

**ProSTUD® drywall framing standards**
- AISI S100 2007 “North American Specification for the Design of Cold-Formed Steel Structural Members

**ASTM American Society for Testing and Materials**
- A653 Zinc-coated hot-dip process
- A1003 Material specification for steel sheet
- C645 Standard specification for nonstructural steel framing
- C754 Standard specification for installation of steel framing
- C1002 Standard specification for steel self piercing tapping screw
- E119 Standard test methods for fire tests
- E72 Standard test methods of conducting strength tests
- E90 Standard test method for sound transmission loss

**UL® Underwriters Laboratories testing standard**
- UL 263 Fire Tests of Building Construction and Materials*

**Multiple UL® design listings for ProSTUD**
- Over 50 UL Designs; UL file number R26512

**Additional code approvals**
- IAPMO #0189–Composite (updates pending)
- IAPMO #0189–Non-composite (updates pending)

**Additional code approvals**
- SFIA (Steel Framing Industry Association) ICC-ES ESR 1166P

**Manufacturing and Sales Locations:**
- CALIFORNIA Riverside
  P 951.360.3500
- CALIFORNIA Sacramento
  P 951.360.3500
- CONNECTICUT Bristol
  P 866.921.0023
- FLORIDA Dade City
  P 352.518.4400
- GEORGIA McDonough
  P 678.304.5500
- HAWAII Kapolei
  P 951.360.3500
- ILLINOIS Rochelle
  P 800.659.0745
- MARYLAND Baltimore
  P 410.477.4000
- OHIO Warren-East
  P 330.372.5564
- OHIO Warren-West
  P 330.372.4014
- TEXAS Baytown
  P 281.383.1617
- TEXAS Dallas
  P 214.350.1716
- CLIP EXPRESS
  P 866.638.1908
- VINYL CORP
  P 800.848.4695
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ClarkDietrich Engineering Services.
A full spectrum of solutions.

Toll-Free Phone: 877.832.3206
Technical Services: 888.437.3244
Toll Free Fax: 877.832.3208
Email: engineering@clarkdietrich.com

CENTRAL Crown Point, IN
NORTHEAST Bristol, CT
SOUTHEAST Roxwell, GA
SOUTHEAST McDonough, GA
WEST Carlsbad, CA

The technical content of this page is effective 11/112 and supersedes all previous information.
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Number:** Sheet Steel  
**CAS Number:** Not Applicable  
**Synonyms:** Hot Band, Cold Rolled, P&O, Galvanized  
**Use/Description:** Steel for thin gauge products

**Products:** Cold-Formed Steel Framing components and accessories for drywall, curtain wall and load bearing systems. Also includes metal lath and plaster accessories.

**Company Identification:** ClarkDietrich Building Systems  
**Corporate Office:**  
9100 Centre Pointe Drive, Suite 210  
Phone: (513) 870-1100  
West Chester, OH 45069  
Fax: (513) 870-1300

**Manufacturing Locations:**  
- Baltimore, MD  
- Baytown, TX  
- Bristol, CT  
- Dade City, FL  
- Dallas, TX  
- Kapolei, HI  
- McDonough, GA  
- Riverside, CA  
- Rochelle, IL  
- Sacramento, CA  
- Warren East & West, OH

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>% Weight</th>
<th>Exposure Limits</th>
<th>ACGIH TLV (mg/m³)</th>
<th>OSHA PEL (mg/m³)</th>
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</thead>
<tbody>
<tr>
<td><strong>Base Metal:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iron (Fe)</td>
<td>7439-89-6</td>
<td>Balance</td>
<td>5 Oxide Dust/Fume</td>
<td>10 Oxide Dust/Fume</td>
<td></td>
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<tr>
<td><strong>Alloying Elements</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum (Al)</td>
<td>7429-90-5</td>
<td>0-0.4</td>
<td>10 Dust</td>
<td>15 Dust</td>
<td></td>
</tr>
<tr>
<td>Antimony (Sb)</td>
<td>7440-36-0</td>
<td>&lt;0.9</td>
<td>0.5 As Antimony</td>
<td>0.5 As Antimony</td>
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<tr>
<td>Arsenic (As)</td>
<td>7440-38-2</td>
<td>&lt;0.09</td>
<td>0.01 As Arsenic (A1 Carcinogen)</td>
<td>0.01 As Arsenic</td>
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<tr>
<td>Beryllium (Be)</td>
<td>7440-41-7</td>
<td>&lt;0.09</td>
<td>0.002 As Beryllium (A1 Carcinogen)</td>
<td>0.002 As Beryllium</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>0.01 As Beryllium (STEL)</td>
<td>0.005 As Beryllium (Ceiling)</td>
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<tr>
<td>Boron (B)</td>
<td>7440-42-8</td>
<td>&lt;0.9</td>
<td>10 Oxide Dust</td>
<td>15 Oxide Dust</td>
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<tr>
<td>Cadmium (Cd)</td>
<td>7440-43-9</td>
<td>&lt;0.09</td>
<td>0.01 As Cadmium (A2 Carcinogen)</td>
<td>0.005 As Cadmium</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>0.002 Respirable fraction</td>
<td>0.0025 As Cadmium (Action Level)</td>
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<tr>
<td>Calcium (Ca)</td>
<td>1305-78-8</td>
<td>&lt;0.9</td>
<td>2 Oxide Dust</td>
<td>5 Oxide Dust</td>
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<tr>
<td>Carbon (C)</td>
<td>7440-44-0</td>
<td>0.04-1.0</td>
<td>Not Established</td>
<td>Not Established</td>
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<tr>
<td>Chromium (Cr)</td>
<td>7440-47-3</td>
<td>0.01-1.5</td>
<td>0.5 Metal</td>
<td>1 Metal</td>
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</tr>
<tr>
<td>Cobalt (Co)</td>
<td>7440-48-4</td>
<td>&lt;0.09</td>
<td>0.02 As Cobalt (A3 Carcinogen)</td>
<td>0.1 Metal/Dust/Fume</td>
<td></td>
</tr>
<tr>
<td>Copper (Cu)</td>
<td>7440-50-8</td>
<td>&lt;0.9</td>
<td>1 Dust</td>
<td>1 Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.2 Fume</td>
<td>0.1 Fume</td>
<td></td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>7439-92-1</td>
<td>0.0-0.04</td>
<td>0.05 Dust / Fume (A3 Carcinogen)</td>
<td>0.05 Dust / Fume</td>
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<tr>
<td>Magnesium (Mg)</td>
<td>7439-95-4</td>
<td>&lt;0.9</td>
<td>Not Established</td>
<td>Not Established</td>
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<tr>
<td>Manganese (Mn)</td>
<td>7439-96-5</td>
<td>0.1-3.0</td>
<td>0.2 Elemental Mn and Inorg Compounds</td>
<td>5 Fume (Ceiling)</td>
<td></td>
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<tr>
<td>Molybdenum (Mo)</td>
<td>7439-98-7</td>
<td>&lt;0.9</td>
<td>10 Insoluble Compounds</td>
<td>15 Insoluble Compounds</td>
<td></td>
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</tbody>
</table>