

## BUGLE HEAD SELF-DRILL SCREW - PRIMEGUARD PLUS®



Exterior Sheathing to Steel, and other applications  
where higher corrosion resistance is desired.

**Brand Name Examples of Applicable Exterior Sheathing**

E2XP®

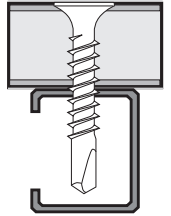
Densglass™ Gold

GlasRoc®

Securock®

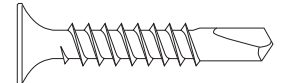
Lefarge Sheathing

Exterior Gypsum Sheathing



#2 Reduced Phillips

### Product Specifications



| Part #   | Dia. | Length | TPI | Bulk Qty | Finish           | Thread | Head Dia.  | Drill Capacity |
|----------|------|--------|-----|----------|------------------|--------|------------|----------------|
| SD114PGP | 6    | 1-1/4  | 20  | 8M       | PrimeGuard Plus® | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SD158PGP | 6    | 1-5/8  | 20  | 5M       | PrimeGuard Plus® | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SD178PGP | 6    | 1-7/8  | 20  | 4M       | PrimeGuard Plus® | FULL   | 8.0-8.5 mm | .033"-.112"    |

**Pro-Twist® drill screws meet or exceed ASTM C-954 and/or C-1513**

| PrimeGuard Plus®                                  |                                   |           |
|---------------------------------------------------|-----------------------------------|-----------|
| Corrosion Resistance                              | Applied Via                       | Guarantee |
| 1000 hr. min. ASTM B-117<br>12 Cycles Kesternich* | Multi-Step Proprietary<br>Process | Lifetime  |

\*Kesternich is an acid test protocol meeting DIN 50018, ASTM G-87

| Self-Drilling Screws Ultimate Connection Value Chart |                               |                          |                               |                                 |                                       |
|------------------------------------------------------|-------------------------------|--------------------------|-------------------------------|---------------------------------|---------------------------------------|
| Dia.                                                 | Nominal<br>Screw<br>Dia. (in) | Metal<br>Gauge<br>1 (Lb) | Tension<br>(Pull) Lbs<br>1 pc | Shear Lbs.<br>Metal to<br>metal | Minimum<br>Torsional<br>Strength (Lb) |
| 6                                                    | 0.138                         | 25                       | 128                           |                                 | 24                                    |
|                                                      |                               | 22                       | 176                           | 449                             |                                       |
|                                                      |                               | 20                       | 263                           | 683                             |                                       |
|                                                      |                               | 18                       | 426                           | 728                             |                                       |
|                                                      |                               | 16                       | 598                           | 1091                            |                                       |
|                                                      |                               | 14                       | 911                           |                                 |                                       |
|                                                      |                               | 12                       | 1156                          |                                 |                                       |

#### Ultimate Value Charts

Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by PrimeSource® Building Products. A 4:1 safety ratio is recommended.

#### Installation Guidelines

0-2500rpm Screwgun with torque adjustment - Overdriving may result in fastener failure or stripout of the work surface. The fastener is fully seated when the head's bearing surface is countersunk in the drywall.

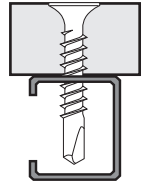
The fastener must penetrate beyond the metal a minimum of three threads to comply with the code.

**ALL PRIMESOURCE® FASTENERS ARE MANUFACTURED IN AN ISO 9001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE® PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.**



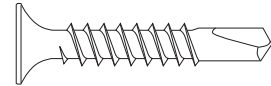
## BUGLE HEAD SELF-DRILL SCREW - ZINC

Drywall to Steel



#2 Reduced Phillips

### Product Specifications



| Part # | Dia. | Length | TPI | Bulk Qty | Finish | Corrosion         | Thread | Head Dia.  | Drill Capacity |
|--------|------|--------|-----|----------|--------|-------------------|--------|------------|----------------|
| SDZ100 | 6    | 1      | 20  | 10M      | Zinc   | 24 hr. min. B-117 | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SDZ118 | 6    | 1-1/8  | 20  | 10M      | Zinc   | 24 hr. min. B-117 | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SDZ114 | 6    | 1-1/4  | 20  | 8M       | Zinc   | 24 hr. min. B-117 | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SDZ158 | 6    | 1-5/8  | 20  | 5M       | Zinc   | 24 hr. min. B-117 | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SDZ178 | 6    | 1-7/8  | 20  | 4M       | Zinc   | 24 hr. min. B-117 | FULL   | 8.0-8.5 mm | .033"-.112"    |
| SDZ238 | 8    | 2-3/8  | 18  | 3M       | Zinc   | 24 hr. min. B-117 | 2"     | 8.0-8.5 mm | .033"-.112"    |
| SDZ258 | 8    | 2-5/8  | 18  | 2M       | Zinc   | 24 hr. min. B-117 | 2"     | 8.0-8.5 mm | .033"-.112"    |
| SDZ300 | 8    | 3      | 18  | 2M       | Zinc   | 24 hr. min. B-117 | 2"     | 8.0-8.5 mm | .033"-.112"    |

### Pro-Twist® drill screws meet or exceed ASTM C-954 and/or C-1513

| Self-Drilling Screws Ultimate Connection Value Chart |                         |                    |                         |                           |                                 |
|------------------------------------------------------|-------------------------|--------------------|-------------------------|---------------------------|---------------------------------|
| Dia.                                                 | Nominal Screw Dia. (in) | Metal Gauge 1 (Lb) | Tension (Pull) Lbs 1 pc | Shear Lbs. Metal to metal | Minimum Torsional Strength (Lb) |
| 6                                                    | 0.138                   | 25                 | 128                     |                           | 24                              |
|                                                      |                         | 22                 | 176                     | 449                       |                                 |
|                                                      |                         | 20                 | 263                     | 683                       |                                 |
|                                                      |                         | 18                 | 426                     | 728                       |                                 |
|                                                      |                         | 16                 | 598                     | 1091                      |                                 |
|                                                      |                         | 14                 | 911                     |                           |                                 |
|                                                      |                         | 12                 | 1156                    |                           |                                 |
| 8                                                    | 0.164                   | 25                 | 97                      |                           | 42                              |
|                                                      |                         | 22                 | 196                     | 580                       |                                 |
|                                                      |                         | 20                 | 285                     | 829                       |                                 |
|                                                      |                         | 18                 | 444                     | 994                       |                                 |
|                                                      |                         | 16                 | 550                     | 1096                      |                                 |
|                                                      |                         | 14                 | 924                     | 1332                      |                                 |
|                                                      |                         | 12                 | 1100                    | 1337                      |                                 |

#### Ultimate Value Charts

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#### Installation Guidelines

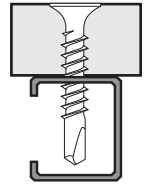
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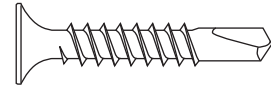


**BUGLE HEAD SELF-DRILL SCREW**  
**BLACK PHOSPHATE**  
Drywall to Steel



#2 Reduced Phillips

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