



Submittal: SDCBSRMR0820GF



$\textbf{STRONG-POINT}^{\texttt{@}} \textbf{ PHILLIPS FLAT HEAD W/NIBS AND WINGS, FIBER BOARD SCREW, RUSPERT COATING}$

| Size | Part# | Pt. | Case Qty. | Description | | | | |
|-----------------|---|-----|-----------|---|--|--|--|--|
| 8-18 x 1-1/4 | FB814R | 2 | 5M | Phillips Flat Head w/Nibs and Wings, Fiber Board Screw, Ruspert Coating | | | | |
| 8-18 x 1-5/8 | FB815R | 2 | 4M | Phillips Flat Head w/Nibs and Wings, Fiber Board Screw, Ruspert Coating | | | | |
| 8-18 x 2-1/4 | FB824R | 2 | 3M | Phillips Flat Head w/Nibs and Wings, Fiber Board Screw, Ruspert Coating | | | | |
| Application: | Attaches fiber board to metal studs. Drill Capacity (in.): .035100 | | | | | | | |
| Specifications: | Meets ASTM¹ A 510 for carbon steel manufacturing | | | | | | | |
| | Meets ASTM C 954 for attaching gypsum board to steel studs | | | | | | | |
| | Manufactured to SAE ² J78 for dimensional specifications | | | | | | | |
| | • Meets F.I.P.3-1000.7 for torsional strength and drill speed | | | | | | | |
| Features: | Ruspert coating exceeds 1,000/hr. salt spray resistance | | | | | | | |
| | Ceramic coating provies protection from corrosion | | | | | | | |
| | Designed to work with all backer boards | | | | | | | |
| | Nibs under head clamp board firmly | | | | | | | |

Installation:

A standard screw gun with torque limiting nose piece set at a maximum of 2500 RPM drive speed recommended. Use a #2 reduced Phillips Drive bit. Do not over torque as it can cause the head to snap or stripping of the recess. Installed fasteners must penetrate a minimum of three full threads beyond the metal structure.

| Pullout Values (Avg. Lbs.) | | | | | | | | | | | |
|----------------------------|-----|-------------|-----|-----|-----|-----|------|-----|------|--|--|
| Fastener | | Steel Gauge | | | | | | | | | |
| Size | Pt. | 22 | 20 | 18 | 16 | 14 | 12 | 1/8 | 3/16 | | |
| 8-18 | 2 | 168 | 227 | 398 | 502 | 888 | 1050 | | | | |

| Shear Values (Avg. Lbs.) | | | | | | | | | | | |
|--------------------------|-----|----------------------|-----|-----|------|----|----|-----|------|--|--|
| Fastener | | Steel Gauge (Lapped) | | | | | | | | | |
| Size | Pt. | 22 | 20 | 18 | 16 | 14 | 12 | 1/8 | 3/16 | | |
| 8-18 | 2 | 522 | 780 | 937 | 1025 | | | | | | |

The values listed are averages achieved under laboratory conditions and imply no warranty. Appropriate safety factors should be applied to these values for design purposes.

¹(American Society of Testing Materials)

²(Society of Automotive Engineers)

³(Fastener Inspection Products)

FB814R_FB824R_Rev. A (7/11/15)

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