

PRODUCT DATA SHEET

BCRS Purlin Fastener: For the attachment of materials to purlins

The BCRS Purlin fastener is designed to provide exceptional drilling and pull-out performances.

This design offers these technical advantages:

- The drill point is .030" larger than the shank diameter in order to allow for chip removal.
- The shank diameter is smaller than that of the drillpoint's and the thread's outside diameter, allowing thick metal to be drilled and cleared of chips before threads tap into metal.
- There are 24 threads per inch which allow for easier driving of the fastener. Higher pull-out values are also recorded because of the increased thread contact.
- Coating meets and exceeds FM4470 corrosion standards and withstands 40 cycles of the Kesternich DIN 50018 SFW 2.0 test.



| Size | Usable Length | Thread Length | Pieces/Box | Weight/Box |
|--------|---------------|---------------|------------|------------|
| 1 3/8" | 3/4" | 3/4" | 1000 | 16 |
| 2 3/4" | 2" | 2" | 1000 | 26 |
| 3 3/4" | 3" | 2 5/8" | 1000 | 34 |
| 4 3/4" | 4" | 2 5/8" | 1000 | 40 |
| 5 3/4" | 5" | 2 5/8" | 1000 | 48 |
| 6 3/4" | 6" | 2 5/8" | 1000 | 54 |
| 7 3/4" | 7" | 2 5/8" | 1000 | 62 |

| Pull-out Values in Steel | |
|--------------------------|-----------|
| 3/16" | 2000 lbs. |
| 12 ga. | 1200 lbs. |
| 16 ga. | 500 lbs. |
| 18 ga. | 375 lbs. |

Application

BCRS purlin fasteners are designed for the attachment of roofing materials to purlins. Results of these tests are offered only as a guide and are not guaranteed in any way. Designated holding values depend on the quality of materials to which the fastener is being anchored. Bondcote recommends that pull-out tests be conducted to verify that the substrate provides adequate pull-out values. We further recommend that the installer uses no higher than an 1800 RPM screw gun for the fastener's installation.

Technical Services

For assistance with design, testing, or applications, contact Bondcote's Technical Services Department.



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