

# PRODUCT DATA SHEET

## BCRS #14 Fastener: For heavy duty insulation and membrane attachment

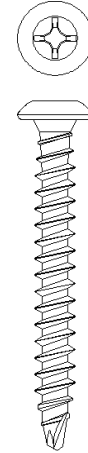
BCRS #14 HD Fasteners are designed to be used with these other Bondcote products:

**For insulation attachment:**

- 3" Insulation Plate

**For membrane attachment:**

- 2" Membrane Plate
- Termination bar



<b>#14-10 Phillips Head Fastener</b>	
<b>Material:</b>	Case hardened carbon steel.
<b>Thread Diameter:</b>	0.238"
<b>Shank Diameter:</b>	0.180"
<b>Head Diameter:</b>	0.448"
<b>Head Style:</b>	#3 Phillips recess.
<b>Point Type:</b>	Drill Point
<b>Coating:</b>	Sentri XP
	Exceeds FM 4470 for corrosion protection.

<b>Pull-out Load</b>		
<b>Steel Deck:</b>	22 ga.	540 lbs.
<b>Plywood:</b>	3/4"	590 lbs.
<b>2x Lumber</b>	1" Pene.	605 lbs.
<b>Concrete:</b>	4000 psi	850 lbs.

Pull-out values obtained from Factory Mutual testing. Field testing should be conducted to obtain exact results for each specific application.

<b>Size</b>	<b>Thread Length</b>	<b>Bondcote Style</b>	<b>Pieces/Pkg</b>	<b>Weight/Pkg</b>
#14 x 1 1/4"	Full	2012	1000	12
#14 x 2"	Full	2020	1000	15
#14 x 3"	Full	2030	1000	24
#14 x 4"	Full	2040	1000	30
#14 x 5"	4"	2050	1000	38
#14 x 6"	4 1/2"	2060	1000	47
#14 x 7"	4"	2070	500	27
#14 x 8"	4"	2080	500	31
#14 x 9"	4"	2090	500	34
#14 x 10"	4"	2010	500	37
#14 x 11"	4"	N/A	500	42
#14 x 12"	4"	N/A	500	44

### Application

Fasteners are designed for the attachment of insulation and membrane to steel (18-24 ga.), wood, and structural concrete. To meet FM requirements, the fastener must penetrate the steel deck 3/4". Minimum penetration in wood and structural concrete is 1". When installing in concrete, pre-drill using a 3/16" diameter drill bit. The pilot hole must be 1/2" deeper than the required embedment.

### Technical Services

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



Bondcote Roofing Systems  
4090 Pepperell Way  
Dublin VA 24084

Phone: 800-368-2160  
Fax: 540-674-6511  
Email: bcrtech@bondcote.com