

## Technical Data Sheet: IB CD-10 Roofing Fastener

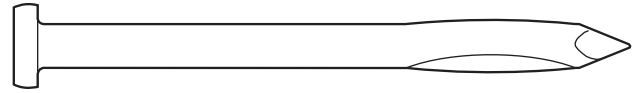
**Product Description:** The IB CD-10 Roofing Fastener is a hammer-in, non-threaded fastener designed to secure insulation and Single-Ply membrane to structural concrete. This fastener is available in 2" - 12" lengths. The CD-10 is Factory Mutual and Dade County approved.

### Advantages

- Diamond point allows easier installation and less chance of hole damage.
- Split bulb exerts pressure on walls of hole, producing remarkable holding power
- Strongest hammer-in fastener available
- Typical pullout values in cured concrete (3000 psi) are over 800 lbs. (A pullout test is recommended)
- The IB CD-10 Roofing Fastener is F.M. and Dade County approved

**Application:** Pre-drill a 7/32" hole using a carbide drill bit. The fastener is then installed with a 2 lb. short handle sledge hammer. Minimum fastener embedment into the deck should be 1". The pre-drilled hole must be a minimum of 1/2" deeper than fastener embedment. Note: Prior to job start, contact IB to perform a pullout test to determine the pullout values. Also, care must be taken not to overdrive the fastener causing subsequent damage to the insulation facer.

IB CD-10 Roofing Fastener



Cat. No.	Length	Packaging	Weight
6-CD002	2"	500	13 lbs.
6-CD212	2 1/2"	500	16 lbs.
6-CD003	3"	500	18 lbs.
6-CD312	3 1/2"	500	21 lbs.
6-CD004	4"	500	23 lbs.
6-CD412	4 1/2"	500	25 lbs.
6-CD005	5"	500	28 lbs.
6-CD512	5 1/2"	500	31 lbs.
6-CD006	6"	500	33 lbs.
6-CD007	7"	500	38 lbs.
6-CD008	8"	500	44 lbs.
6-CD009	9"	250	25 lbs.
6-CD010	10"	250	28 lbs.
6-CD011	11"	250	31 lbs.
6-CD012	12"	250	33 lbs.

The following data is constant for each IB CD-10 Roofing Fastener. **Head Height:** .115  
**Head Diameter:** .435 **Head Style:** Flat Top Pan **Split Diameter:** .270/.277 **Coating:** CR-10

### IB CD-10 Roofing Fastener Length Selection Procedure

1. If applicable, determine thickness of existing roofing material.
2. Add thickness of new insulation.
3. Add 3/4" minimum fastener penetration.
4. If odd size requirement, always size up in length, not down.

See example.

#### Example

Existing Roofing:  $\frac{1 \ 3/4"}{}$   
 New Insulation:  $\frac{1/2"}{}$   
 Min. Embedment:  $\frac{1"}{}$   
 Total Fastening:  $\frac{3 \ 1/4"}{}$

Existing Roofing: \_\_\_\_\_  
 New Insulation: \_\_\_\_\_  
 Min. Embedment: 1"  
 Total Fastening: \_\_\_\_\_  
 Range: \_\_\_\_\_  
 Use this format to calculate your correct fastener size.

Range:

The proper CD-10 Roofing Fastener for this example is 3-1/2".