## Technical Data Sheet IB<sup>®</sup> ZAC Anchor

#### **Product Description:**

The ZAC Anchor is designed to secure termination bar, counter flashing, and various metal flashings to wood, masonry / concrete, and steel.

### Sizes:

1-3/8"

#### Packaging:

The anchors come pre-packaged in a plastic bucket. See table for quantity and weights.

#### **Features:**

- Threads into wood, masonry, concrete and metal
- ZAC cap is zinc aluminum composition and will never red rust
- Can be removed and re-engaged for roof repairs without damage to the roof system
- E-coat coating on thread meets FM Approval Standard 4470
- Grommeted EPDM washer

#### **Application:**

The ZAC Anchor secures metal flashings and termination bar to approved substrates per IB specifications and individual project requirements. Concrete / masonry must be pre-drilled with a 3/16" diameter carbide tipped masonry drill bit. Drill hole at least 1/2" beyond the anticipated embedment depth. Clean the hole out prior to installation of the ZAC Anchor. Load capacity is related to embedment depth and pre-drill diameter. A 7/32" drill bit can be used as alternate drill bit for ease of installation.

#### **Fastener Properties:**

Head: 3/8" AF ZAC HWH Long Life Head Diameter: 0.65"



Fastener Length	Thread Length	Packaging	Weight	
1-3/8"	1-1/8"	1000	25 lbs	
Note: Thread length measured from top of threads to top of pilot				

Fastener Performance Load Capacities (2000 psi concrete)*				
Pre-Drill	3/16"	3/16"	3/16"	
Embed Depth	1"	1-1/4"	1-3/8"	
Tension Load (lbs.)	620	810	905	
Shear Load (Ibs.)	830	1130	1280	
* All load values listed are ultimate load capacities and are not allowable load capacities. These loads should be reduced by an appropriate safety factor of at least 4 to determine the allowable load				

Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming with all applicable laws and regulations.

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