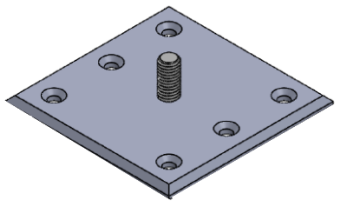
NB1A2: Solar Installation Guideline

Model: NB1A2

Patent Pending

Installation Instructions for Solar Applications



Substrate Requirements

- The **NB1A2** mount must be installed into a rigid, structural substrate that meets the project engineer's specifications.
- **Approved substrates**: Concrete, Wood, Steel.

Layout & Fastening

Layout **NB1A2** anchor mounts to the desired solar attachment locations on the already membraned structure.

Fasten down the **NB1A2** anchor mounts into the membraned substrate using:

- **Wood**: Project-engineer-approved #14 Stainless steel flathead screws
- **Concrete**: Project-engineer-approved #14 stainless steel flat head screws
- **Steel:** Project-engineer-approved #14 self-tapping screws

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Thread Protection

- Wrap external threads with protective covering to prevent the waterproofing from adhering to external threads

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Surface Prep & Waterproofing

- **Scarify** each **NB1A2** mount per the waterproof flashing manufacturer's recommendations
- Waterproof over each **NB1A2** mount according to the roofing membrane manufacturer's recommendations
- **After curing**, cut & remove thread protection to expose thread on the **NB1A2** mounts.

Solar Installation

- Place a minimum of 1/16" thick ⅜" X 2" washer over threaded stud of **NB1A2** so that the washers sit directly on the waterproofing membrane.

- Fit the L-Foot solar clip **or** attachment onto the **NB1A2** threaded stud and attach using the following assembly order:
  - ⅜" Washer
  - ⅜" Lock washer
  - ⅜"-16 Nut
- Torque max to 60 ft-lbs using a hand tool only
- Use a level and structural shims if necessary
- **Do not use power tools for final tightening.**

Need Help?

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