



WORLD'S BEST WATERPROOF SYSTEM



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Nill NB1C (US Patent Number 10,501,939) installation instructions for waterproof required applications (wood, steel & concrete substrates)

- Layout base shoe intent on membraned section & mark out holes in bottom of base shoe with marker.
- Remove base shoe from layout area exposing marked out areas.
- Drill 1” diameter X 1.25” deep holes for all marked out areas.
- Remove debris from drilled holes & bolt Nill patented NB1C waterproof anchor mounts to base shoe at each attachment point on base shoe. Use hand tools to tighten bolt snug into Nill NB1C anchor mounts. Do not use power tools to tighten bolts, this could strip the bolts.
- Dry fit Nill patented NB1C mounts with base shoe attached into the holes that were drilled into roof so that Nill anchor mounts sit flush on membrane surface. Then align base shoe with layout intent.

-Fasten down all Nill NB1C mounts into the structure on both sides of base shoe with a minimum length of #14 X 3" stainless flat head screws for wood & a minimum length of #14 X 2.75" stainless flat head screws for concrete. Use a level to ensure that NB1C is fastened down level. Minimum of 3" solid wood or concrete substrate required for fastening Nill NB1C anchor mount. For minimum thickness of attaching into steel substrate consult project engineer & use #14 self-tapping steel screws. (6 screws per Nill NB1C anchor mount)

-After Nill NB1C mounts are fastened down completely and secured into the structure, remove base shoe by unbolting base shoe from NB1C Nill mounts and move base shoe aside.

-Install port protection caps into internal threaded ports for every Nill NB1C anchor mount. (This protects the internal threaded port from waterproofing material)

-Scarify each Nill NB1C anchor mount as per waterproof flashing manufacturers recommendations. (This increases adhering of waterproof flashing material)

-Waterproof over each Nill NB1C anchor mount as per guidelines & specifications of roofing manufacturers flashing details. (waterproof flashing material is specified by each roofing membrane manufacture)

-Cut out port protection caps to expose internal threaded port on Nill NB1C anchor mounts. Cut slightly past the diameter of the port cap to ensure that the entirety of plastic port cap is removed.

-Place a washer of at least 2.5" X 2.5" X 1/16" thick on top of waterproofed Nill anchor mount before installing base shoe. Base shoe should never sit directly on waterproofing membrane. Thicker

washers or multiple washers can be used under the base shoe to increase the height of the base shoe if desired.

-Bolt base shoe into the internal threaded ports of Nill NB1C with hand tools and tighten to torque value of 65-foot pounds. Applying medium Loctite thread locking adhesive is recommended in Nill ports during this final stage of bolting base shoe into Nill NB1C Anchor mount. Do not use power tools to tighten bolts, as this can strip the bolts.

For further installation instructions or questions please call/email Nill Building Solutions at

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Nill NB1C Anchor Mount ESR-4771