# Florida Building Code Report
# FBCR-0103



**Issue Date: 03-29-2022**
**Revised Date: 11-11-2023**
**Renewal Date: 01-31-2026**

**DIVISION: 06 00 00 – WOOD, PLASTICS AND COMPOSITES**
**Section: 06 05 23.13 – Nails**

**REPORT HOLDER:**
**National Nail Corp.**
**2964 Clydon SW**
**Grand Rapids, MI 49519**
**www.nationalnail.com**

**REPORT SUBJECT:**
**Stinger Cap Nails**

## 1.0 SCOPE OF EVALUATION

**1.1** This Research Report addresses compliance with the following Codes:

- 2023, 2020 *Florida Building Code®* - Building and Residential Codes (excluding High-Velocity Hurricane Zones)

**1.2** Stinger Cap Nails have been evaluated for the following properties (see Table 1):

- Physical properties

**1.3** Stinger Cap Nails have been evaluated for the following uses (see Table 1):

- Attachment of underlayments on buildings located outside the High-velocity Hurricane Zone.

## 2.0 STATEMENT OF COMPLIANCE

The Stinger Cap Nails comply with the Code listed in Section 1.1, for the properties stated in Section 1.2 and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.0.

## 3.0 DESCRIPTION

Stinger Cap Nails consist of a mechanically deformed galvanized nail and a plastic cap. The nails are nominally 1-inch-long, having a 0.085-inch-diameter-shank and a 0.197-inch-diameter head. The HDPE cap is nominally 1 inch in diameter and has a minimum edge lip thickness of 0.035 inch. The nails and caps are supplied in reels and coils of 200 for use in equipment specifically designed for the products.

## 4.0 PERFORMANCE CHARACTERISTICS

**4.1** The nails comply with the requirements of ASTM F1667, Type I, Style 18 – Cap Nail Power-tool Driven Roofing Nails.

## 5.0 INSTALLATION

**5.1 General:** The Stinger Cap Nails must be installed as required for attachment of underlayment where specified in the Code:

FBC-Building:

- Table 1507.1.1.1
- Section 1507.1.1.1, paragraph 3

FBC-Residential:

- Table R905.1.1.1
- Section R905.1.1.1, paragraph 3

## 6.0 CONDITIONS OF USE

**6.1** Installation must comply with this Code Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.

**6.2** The Stinger Cap Nails are manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

## 7.0 SUPPORTING EVIDENCE

**7.1** Reports of tests in accordance with ASTM F1667-18.

**7.2** Quality control documentation.

**7.3** Intertek Listing Report "National Nail Corp. Stinger Cap Nails", on the Intertek Directory of Building Products.

## 8.0 IDENTIFICATION

Packaging of the Stinger Cap Nails bears a label with the company name and address, the product name, the Intertek Mark as shown below, the Intertek Control Number, the words "Code Compliance" and the Intertek Florida Building Code Report number (FBCR-0103).

## 9.0 FLORIDA BUILDING CODE REPORT USE

**9.1** Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

**9.2** Florida Building Code Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

**9.3** Reference to the https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this report.

**9.4** Intertek is an approved evaluation entity and quality assurance entity pursuant to Florida Statute 553.842 – *Product Evaluation and Approval.*

**TABLE 1 - PROPERTIES EVALUATED**

| PROPERTY | 2023 FBC - BUILDING | 2023 FBC - RESIDENTIAL |
|---|---|---|
| Physical properties | 1506.5 | R904.5.1 |
| Installation | 1507.1.1.1 | R905.1.1.1 |

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