



Florida Specific Requirements & Regional Differences

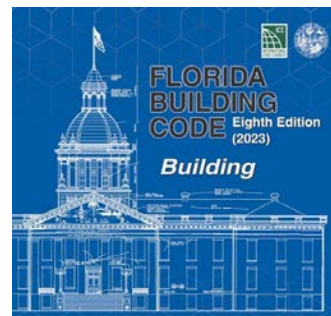


Protect Your Home From The Sunshine State's Elements

Brava's roofing solutions are engineered to endure Florida's frequent hurricanes, which bring high winds and heavy rainfall. Roofing materials and installation methods must withstand these strong winds and adhere to Florida's strict building codes. To ensure your roof meets the necessary standards for safety and reliability, contractors must be familiar with these codes to ensure that all components of the roof system are compliant.

Specific Requirements & Regional Differences

Florida Building Code (FBC): [The Florida Building Code](#) is a set of standards designed by the Florida Building Commission for the construction of buildings in the US state of Florida. As of **January 1, 2024**, the State of Florida will be enforcing the new 8th Edition, 2023 Florida Building Code. All permit packages submitted on or after January 1, 2024, are required to have a design based on the 8th Edition of the FBC. A summary of changes can be found [here](#).



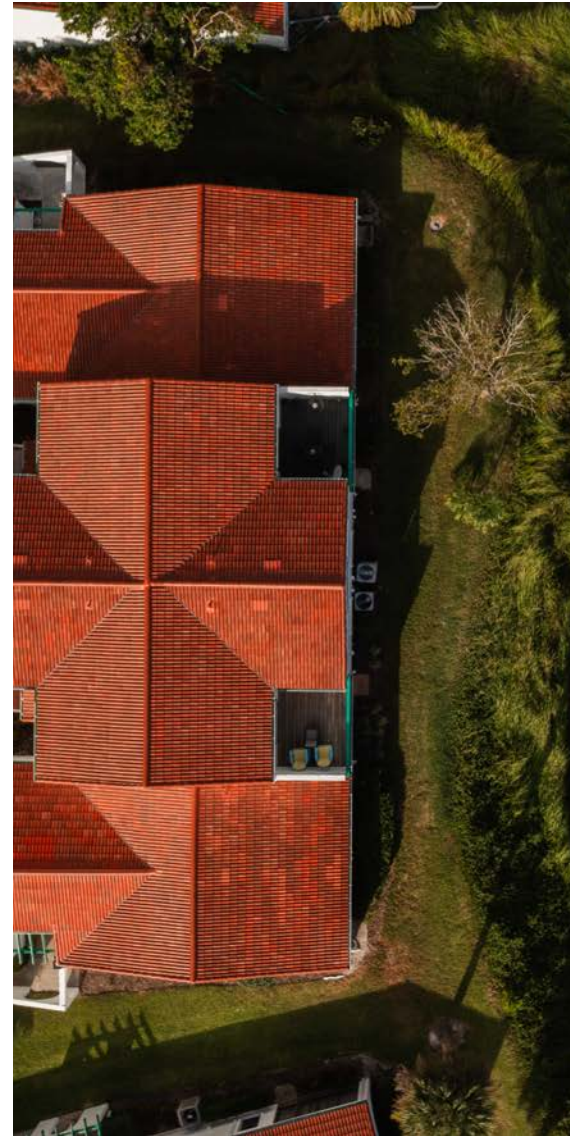
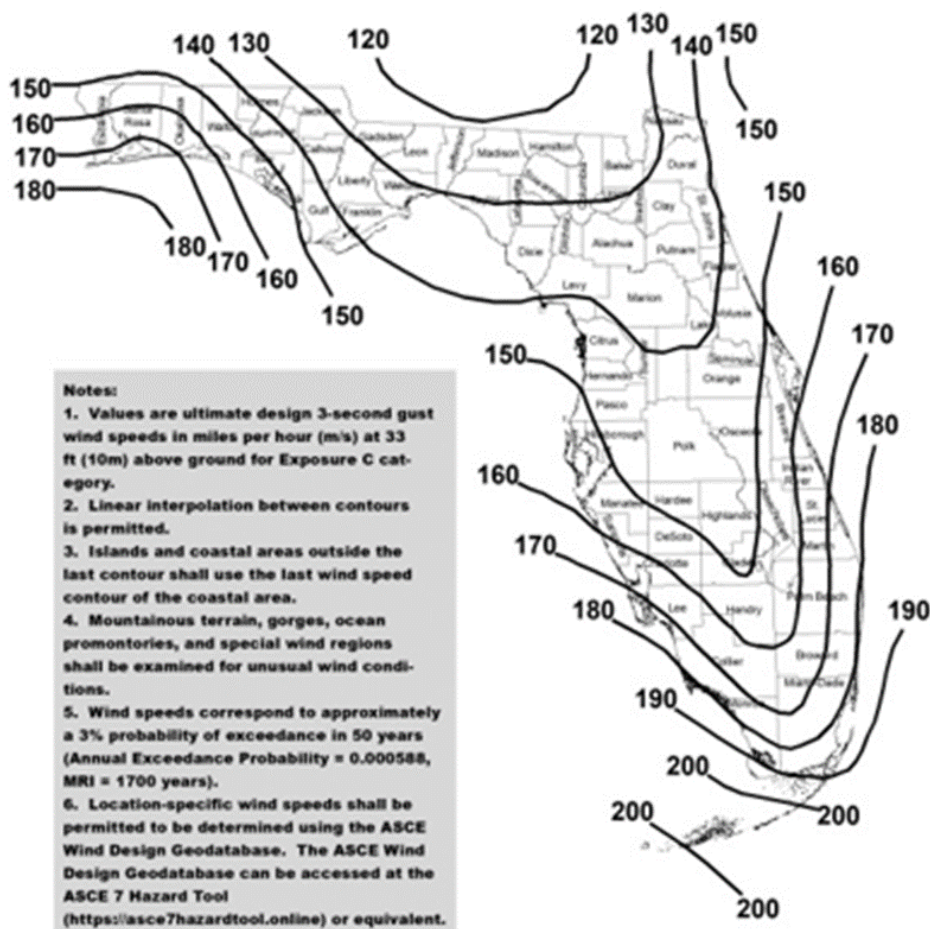
Florida Building Code have specific installation requirements which must be met when installing Brava Roof Tile in Florida. **Additionally, some highly regulated municipalities, such as Miami-Dade, have their own installation requirements.**

High Velocity Hurricane Zone (HVHZ):

Within the Florida Building Code (FBC), the HVHZ is comprised of *Miami-Dade and Broward Counties* only or where the jurisdiction having authority has adopted their use (*Palm Beach & Monroe counties*).

These areas have the potential for the highest wind speeds in Florida based on the ASCE (American Society of Civil Engineers) [wind speed maps](#). The local building department enforces stringent requirements regarding roofing materials and installation instructions.

Figure 1609.3 (1)
Ultimate Design Wind Speeds, V_{ult} , For Risk Category II
Buildings And Other Structures





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Brava Solutions

Brava's roofing systems have been tested and meet FBC and Miami-Dade test protocols. With high-temperature underlayment and full ice and water installation, your roof is fortified against extreme weather conditions. With the intense Florida sun, our roofing materials offer superior UV resistance, ensuring long-lasting protection against sun damage and fading.

Note: This supplement is intended to support Florida installations and may not cover all local requirements. Always check for updates as changes due occur frequently.

Product Approvals

Miami-Dade Approvals

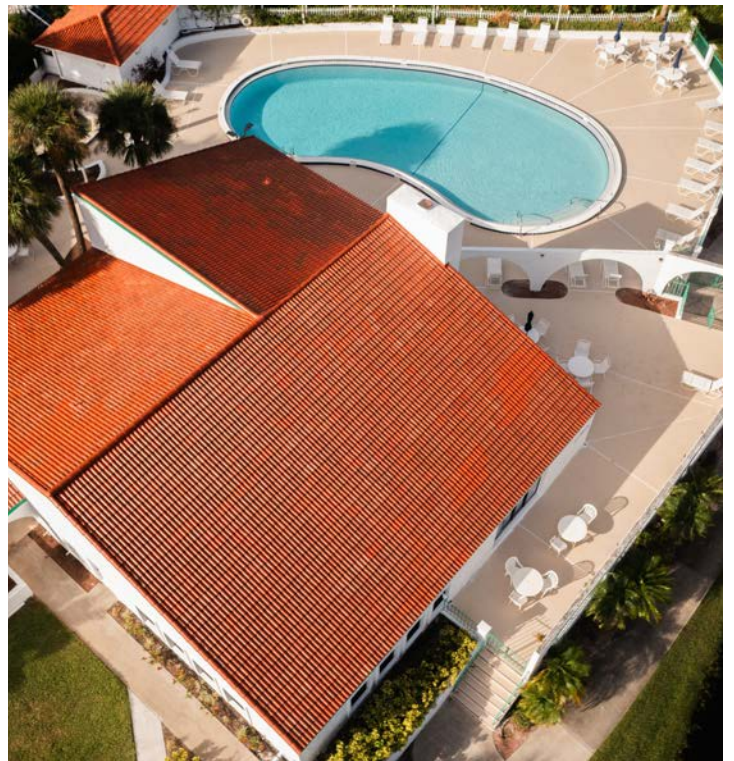
- [Brava Spanish Barrel Tile Class A](#)
- [Brava Spanish Barrel Tile Class C](#)
- [Brava Cedar Shake 22" Class C](#)

Florida Building Code Approvals

- [Brava Slate](#)
- [Brava Cedar Shake](#)
- [Brava Spanish Barrel Tile](#)

Florida Installation Supplement – Installation Requirements By Code

Florida Building Code requirements have specific installation requirements which must be met when installing Brava Roof Tile in Florida. Additionally, some highly regulated municipalities, such as Miami-Dade, have their own installation requirements.





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FBC HVHZ Fire Classification

Class A roof systems are required in High Velocity Hurricane Zones when:

1. The distance separation measured horizontally from the closest point of any building edge to the nearest point to an adjoining structure is *0 to 20* feet.
2. Buildings that have an *occupation greater than 300 persons*.
3. *Exception:* Brick, masonry, slate, clay or concrete roof tile and exposed concrete roof deck are considered to meet Class A roof covering provisions without testing.



Class A Resources

Technical Bulletin:

[Brava Class A System with Fire Resistant Underlayment](#)

Data Sheet:

[Low-E ThermoSheet Data Sheet](#)





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Brava Accessories

Underlayment Requirements

Underlayment materials are required to comply with *ASTM D226, D1970, D4869, D6757* and *ASTM D8257*. Underlayment shall comply with one of the following methods:

1. Self-Adhered Direct to Deck
2. Taped joints or sealed joints system
3. Two Layers of Nailable Underlayment

Brava's Underlayment Options

- Full deck installation of self-adhered ice & water underlayment
 - [Titanium PSU 30](#) Self-Adhered Underlayment (ASTM 1970)
- High-temperature underlayment (up to 240° F)
 - [Titanium UDL 50](#) Synthetic Underlayment (ASTM D226)

Fasteners Requirements

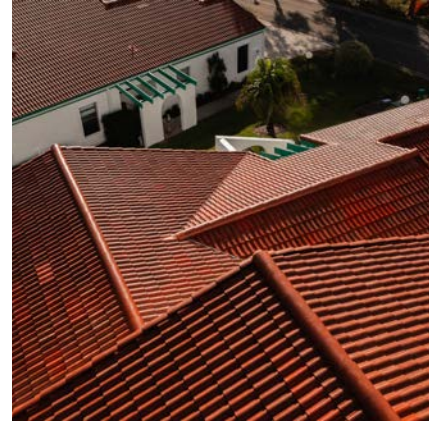
Fasteners are to have a length sufficient to penetrate through the roof sheathing or not less than *3/4* inch into the roof sheathing.

Field Tile Attachment

- *Stainless steel* ring-shank roofing nails or screws
 - Brava recommends using within 10 miles of a body of salt water. Check local codes for compliance.
- *Corrosion resistant* ring-shank roofing nails or screws.
 - Required by Florida Building Code.

Underlayment Attachment

- Annular ring or deformed shank nails with *metal or plastic caps* with a nominal cap diameter of not less than *1 inch*.
 - *Metal caps* are required where the ultimate design wind speed equals or *exceeds 170 mph*.
 - Required by Florida Building Code.





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Resources

Brava provides installation guidance for all products at <https://www.bravarooftile.com/resources/>.

Brava Technical Support offers In-Plant and Remote Installation Training in English and Spanish. Remote training is accessible regardless of location. Training prior to beginning installation can prevent costly delays. Please schedule training early to ensure availability.

Florida Building Code: <https://codes.iccsafe.org/codes/florida>

Florida Product Control Search: https://www.floridabuilding.org/pr/pr_app_srch.aspx

Miami-Dade Product Control Search: http://www.miamidade.gov/building/pcsearch_app.asp

Miami-Dade FBC Code Changes: <https://www.miamidade.gov/building/library/2023-fbc-roofing-code-changes.pdf>

Miami-Dade Permit Forms: <http://www.miamidade.gov/permits/>

Brava Resources: <https://www.bravarooftile.com/resources/>

Questions

If you have any questions regarding Brava products, Florida specific testing, training or regional requirements and warranties, call 844-290-4196 and ask for Technical Support. Or contact us through the [Technical Support Portal](#) or technicalsupport@bravatile.com.

