

FBC Supplement – Annual Technical Amendment

8th Edition (2023) Florida Building Code (FBC), Building/Residential

CHAPTER 2 DEFINITIONS – FBC, Building

Revise definition for “Wind-Borne Debris Region” as follows:

~~WINDBORNE DEBRIS REGION. Areas within hurricane-prone regions located:~~

- ~~1. Within 1 mile (1.61 km) of the mean high water line where an Exposure D condition exists upwind at the waterline and the ultimate design wind speed, V_{ult} , is 130 mph (58 m/s) or greater; or~~
- ~~2. In areas where the ultimate design wind speed, V_{ult} , is 140 mph (63.6 m/s) or greater.~~

~~For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the wind-borne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the wind-borne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the wind-borne debris region shall be based on Figure 1609.3(3).~~

CHAPTER 2 DEFINITIONS – FBC, Residential

~~WINDBORNE DEBRIS REGION. Areas within hurricane-prone regions located in accordance with one of the following:~~

- ~~1. Within 1 mile (1.61 km) of the mean high water line where an Exposure D condition exists upwind at the waterline and the ultimate design wind speed, V_{ult} , is 130 mph (58 m/s) or greater.~~
- ~~2. In areas where the ultimate design wind speed, V_{ult} , is 140 mph (63.6 m/s) or greater; or Hawaii.~~

CHAPTER 2 DEFINITIONS – FBC, Building

WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed, V_{ult} , is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed, V_{ult} , is 140 mph (63.6 m/s) or greater.

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the wind-borne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the wind-borne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the wind-borne debris region shall be based on Figure 1609.3(3).

CHAPTER 2 DEFINITIONS – FBC, Residential

WINDBORNE DEBRIS REGION. Areas within hurricane-prone regions located in accordance with one of the following:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed, Vult, is 130 mph (58 m/s) or greater.
2. In areas where the ultimate design wind speed, Vult, is 140 mph (63.6 m/s) or greater; or Hawaii.

TAC Recommendation: Retain 7th Edition Definition Pending a Study.

Motion: The Structural TAC recommends that the Commission amend the definition of *Wind-Borne Debris Region* from the 8th Edition (2023) Florida Building Code back to the definition from the 7th Edition (2020) Florida Building Code, and defer any revisions to the definition pending the results of a research study to be commissioned by the Commission for a science-based analysis of the issue to inform the Commission's decision on the definition no later than in time for consideration during the next code update cycle.

TAC Action: Motion Passed, 10 – 1, in favor.

Commission Action: