

FS106-18

IBC: 1403.2

Proponent: Jay Crandell, P.E., ARES Consulting, representing Foam Sheathing Committee of the American Chemistry Council

2018 International Building Code

Revise as follows:

1403.2 Water-resistive barrier. Not fewer than one layer of No.15 asphalt felt, complying with ASTM D226 for Type 1 felt, or other *approved* materials, shall provide a continuous water-resistive barrier behind the exterior wall veneer. No.15 asphalt felt shall be attached to the studs or sheathing and applied horizontally with the upper layer lapped over the lower layer not less than 2 inches (51 mm). Where vertical joints occur, No.15 asphalt felt shall be lapped not less than 6 inches (152 mm). Other approved water-resistive barrier materials shall be installed in accordance with the water-resistive barrier manufacturer's installation instructions. The No.15 asphalt felt or other approved water-resistive barrier material shall be continuous to the top of walls and terminated at penetrations and building appendages with flashing as described in Section 1404.4, in such a manner as to provide a continuous 1404.4. The water-resistive barrier behind the exterior wall veneer installation shall comply with the requirements for weather protection of the exterior wall envelope as described in Section 1402.2.

Reason:

This proposal better correlates the IBC with language in the 2018 IRC (Section R703.2) that provides additional clarity of intent and requirements. In particular, IBC Section 1403.2 is missing basic minimum installation requirements for No.15 asphalt felt. In addition, the 2018 IRC recognizes that other approved materials must be installed in accordance with the manufacturer's installation instructions since they often or necessarily vary from the basic minimum installation requirements for No.15 asphalt felt. Finally, the last phrase of the existing paragraph has been incorporated in the first sentence because it relates to the overall objective of the paragraph and should not be an afterthought.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

The code change proposal clarifies the provision and correlates with similar language in the IRC with no change in requirements or cost.

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