



BULLETIN RB06-013

(Updated 2015 Dec 10)

USE OF CULTURED MARBLE HEARTH EXTENSIONS

Reference: Div A, Article 1.4.1.2., Sentence 9.22.5.1.(1) and CAN/ULC-S114-05

Div A, Article 1.4.1.2. "Noncombustible means that a material meets the acceptance criteria of **CAN/ULC-S114**, "Test for determination of Non-combustibility in Building Materials"

Div B, 9.22.5.1.(1) "Except as required in Sentence (2), fireplaces shall have a noncombustible hearth extending not less than 400 mm in front of the fireplace opening and not less than 200 mm beyond each side of the fireplace opening."

CAN/ULC-S114-05 "Test for determination of Non-combustibility in Building Materials."

Question:

Is cultured marble an acceptable material for fireplace hearth extensions?

Commentary / Relevant Facts / Conclusion:

The above Article requires that the hearth extension should be of noncombustible material i.e. it must meet the acceptance criteria of **CAN/ULC-S114-05** "Test for determination of Non-combustibility in Building Materials."

As the cultured marble in the market contains up to 15 - 20 percent of combustible binding agents, they do not meet the above standards. Therefore, cultured marble or any other form of synthetic marble cannot be allowed in hearth extensions for fireplaces.

Cultured marble using a cementitious or other noncombustible binder is acceptable.

Chief Building Inspector

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