

FS130-18

IBC: TABLE 1404.3.2

Proponent: Mike Fischer, Kellen Company, representing The Center for the Polyurethanes Industry of the American Chemistry Council (mfischer@kellencompany.com)

2018 International Building Code

Revise as follows:

**TABLE 1404.3.2
CLASS III VAPOR RETARDERS**

ZONE	CLASS III VAPOR RETARDERS PERMITTED FOR:^{a,b}
Marine 4	Vented cladding over wood structural panels Vented cladding over fiberboard Vented cladding over gypsum Continuous insulation with <i>R</i> -value \geq R2.5 over 2 x 4 wall Continuous insulation with <i>R</i> -value \geq R3.75 over 2 x 6 wall
5	Vented cladding over wood structural panels Vented cladding over fiberboard Vented cladding over gypsum Continuous insulation with <i>R</i> -value \geq R5 over 2 x 4 wall Continuous insulation with <i>R</i> -value \geq R7.5 over 2 x 6 wall
6	Vented cladding over fiberboard Vented cladding over gypsum Continuous insulation with <i>R</i> -value \geq R7.5 over 2 x 4 wall Continuous insulation with <i>R</i> -value \geq R11.25 over 2 x 6 wall
7 and 8	Continuous insulation with <i>R</i> -value \geq R10 over 2 x 4 wall Continuous insulation with <i>R</i> -value \geq R15 over 2 x 6 wall

For SI: 1 pound per cubic foot = 16 kg/m³.

a. Spray foam with a maximum permeance of 1.5 perms at the installed thickness applied to the interior cavity side of wood structural panels, fiberboard, insulating sheathing or gypsum is deemed to meet the continuous insulation moisture control requirement where the spray foam R-value meets or exceeds the specified insulating sheathing R-value.

b. The requirements in this table apply only to insulation used to control moisture in order to permit the use of Class III vapor retarders. The insulation materials used to satisfy this option also contribute to but do not supersede the thermal envelope requirements of the International Energy Conservation Code.

Reason:

The proposal clarifies that spray foam used to satisfy the continuous insulation requirements are intended to be used for moisture control. It adds an additional footnote to the table to clarify that the provisions of the IECC are not supplanted by this option.

Cost Impact

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

The proposal is editorial.

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