

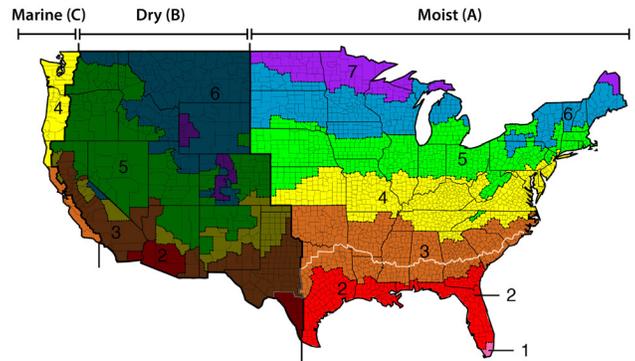
## VaproShield Solutions for IBC Code 2021 Updates –Section 2510

### SUMMARY: IBC CODE SECTION 2510.6 CHANGES

The 2021 International Building Code (IBC-2021), Section 2510.6, was recently updated reflecting changes in Water Resistive Barriers (WRB) selection for stucco over wood-based sheathing.

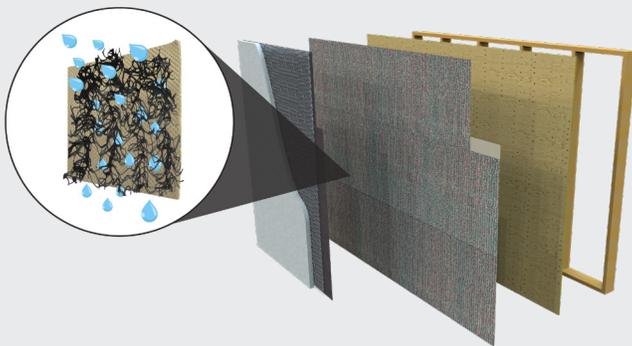
The major code change is for Zones A (Moist) and C (Marine). Now required is **ONE** of the following:

- **Option 1:** 3/16" (4.8mm) drainage cavity over the WRB when stucco is applied on wood-based sheathing such as OSB and plywood
- **Option 2:** Minimum drainage efficiency of 90 percent as measured by ASTM E2273 or Annex A2 of ASTM E2925



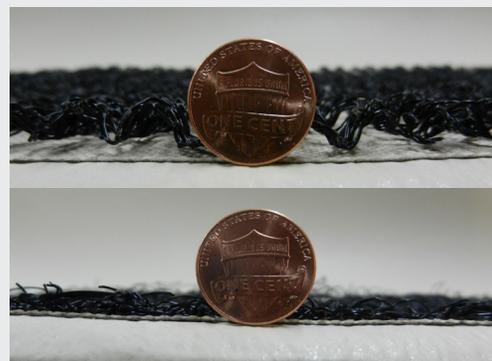
This map indicates three major climate zones for the U.S.: A: Moist, B: Dry, C: Marine. The major code change is for the highlighted Zones A (Moist) and C (Marine).

### VAPROSHIELD SOLUTIONS FOR ZONES A AND C



Rainscreen SA air barrier WRB with 7mm drainage matrix will satisfy BOTH options for Zones A and C.

The aggressive adhesive bonds to multiple substrates including OSB and the built-in 7mm drainage matrix allows for one-step installation of the: air barrier, WRB and required 3/16" (4.8mm) drainage cavity or minimum drainage efficiency of 90%.

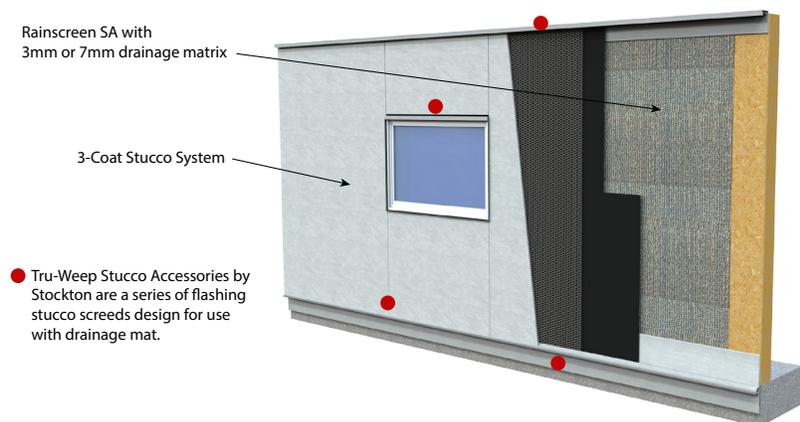


Two rainscreen drainage matrix options: 7mm and 3mm work with stucco, siding and stone.

The 3mm offers a cost effective option meeting the minimum drainage efficiency of 90 percent, as outlined above Option 2.

### RAINSCREEN SA BENEFITS

- Factory-bonded drainage matrix (3 or 7mm) maintains an unimpeded vertical drainage plane behind the stucco façade
- Simplified installation with all-in-one membrane and fully tested rough opening flashing system
- Applies in below freezing 20°F (-6°C) temperatures
- Six months UV and weather exposure eases concerns of supply chain delays
- Air barrier and WRB with high drying capacity, 25 perms



Rainscreen SA combined with Stockton Products™ new Tru-Weep™ single step installation counter flashing stucco screeds allow water to efficiently exit the stucco assembly and provide best practice installation.

## VaproShield Solutions for IBC Code 2021 Updates –Section 2510

### SUMMARY ZONE B: DRY CLIMATES

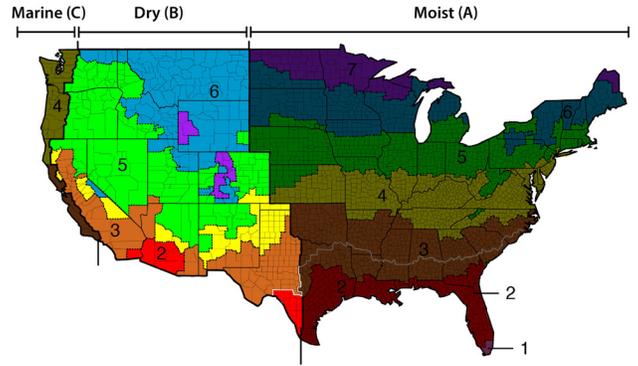
The changes for Zone B, dry climate, are not as drastic as Zones A and C however there are a few noteworthy details.

**ONE** of the following shall apply for dry (B) climate zones:

- **Option 1:** Two layers of 10-minute Grade D paper or greater
- **Option 2:** Two layers of water-resistive barrier complying with ASTM E2556, Type 1
- **Option 3:** Water-resistive barrier shall be 60-minute Grade D paper
- **Option 4:** Water-resistive barrier shall have a water resistance equal to or greater than one layer of water-resistive barrier complying with ASTM E2556, Type II

Additionally, options 3 and 4 the WRB must be separated from the stucco by **ONE** of the following:

1. Foam Plastic
2. Another nonwater absorbing layer
3. Drainage space



The highlighted Zone B (Dry) had minor code updates offering four options.

### VAPROSHIELD SOLUTIONS COMPLIANT TO IBC 2021 SECTION 2510.6 WATER RESISTIVE BARRIERS

VaproShield Membrane Solutions	Moist and Marine 2510.6.2 Option 1 3/16" (4.8mm) drainage cavity	Moist and Marine 2510.6.2 Option 2 Minimum drainage efficiency of 90 percent	Dry Climate 2510.6.1 Options 1-4
<b>RAINSCREEN SA 3MM</b>			
<b>RAINSCREEN SA 7MM</b>	✗	✗	✗
<b>PANELSHIELD SA with VAPROMAT 3MM</b>	✗	✗	✗
<b>PANELSHIELD SA with VAPROMAT 7MM</b>	✗	✗	✗
<b>WRAPSHIELD SA with VAPROMAT 3MM</b>	✗	✗	✗
<b>WRAPSHIELD SA with VAPROMAT 7MM</b>	✗	✗	✗



Review Entire IBC 2021 Section 2510.6.

Learn More About Stucco Solutions at [VaproShield.com](http://VaproShield.com)

