

## DRAINAGE SYSTEMS, CODES AND REQUIREMENTS

What are EIFS clad drainage wall assemblies?

Where is a drainage system required?

Who requires it?

What can happen if it is not installed where required?



### What are EIFS clad drainage wall assemblies?

Above are examples of 3 types of drainage systems. Each includes:

- A secondary weather resistive barrier and
- A means of drainage

A secondary weather resistive barrier can include:

- Code approved building papers
- Proprietary products, such as Dupont Tyvek
- Weather resistive barrier coatings listed in the EIFS manufacturers' code reports

All products should either be listed in the building code or maintain a current ICC Evaluation Report.

Drainage can be accomplished in conjunction with drainage track and flashing, with:

- Grooves in the insulation
- Vertical notches in the adhesive
- Drainage mats or laths
- Crinkles in products like Dupont Tyvek Stuccowrap

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**Where is a drainage system required? And who requires it?**

## All Codes

**RESIDENTIAL CONSTRUCTION MUST ALWAYS USE DRAINAGE - NO EXCEPTIONS!**

Teifs, the 2000 International Building Code, the 2000 International Residential Code, the 1997 Uniform Building Code, and the 1999 BOCA National Building Code all require drainage on **ALL** residential construction.

## 2000 International Building Code (IBC)/1999 BOCA National Building Code

**TYPE V, GROUP R1, R2, R3 AND R4**

- R1 examples: Boarding Houses (transient), Hotels, Motels
- R2 examples: Apartment houses, Boarding houses, Convents, Dormitories
- R3 example: adult and child care facilities that provide accommodations for five or fewer persons for less than 24 hours
- R4 example: residential care/assisted living facilities including more than five but not more than 16 occupants, excluding staff

## 1997 Uniform Building Code (UBC)

**Type V, Group R, Division 1 & 3**

- Division 1: Hotels, Apartment Houses and Congregate Residences (more than 10 persons)
- Division 3: Dwellings, Lodging Houses, and Congregate Residences (10 persons or less)

## 1999 Standard Building Code (SBCCI)

This Code does not mandate weather barriers or drainage, however Teifs requires drainage on all residential construction and always recommends a weather resistive barrier.

**What can happen if a drainage system is not installed where required?**

- Your project can be shut down by the local building code official.
- You will NOT receive a warranty from Teifs.
- You may open yourself up to legal situations.



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