



4.7.3. Specific Requirements

- 4.7.3.1.** EIFS and ETICS shall be constructed such that it meets the performance characteristics required as per ASTM E 2568.
- 4.7.3.2.** EIFS and ETICS shall be certified and listed by a third party independent testing and Certification body, approved by Civil Defence.
- 4.7.3.3.** EIFS and ETICS shall be Marked/labeled to verify its certification mark from accredited certification body.
- 4.7.3.4.** The layers and core materials shall be tested separately and entire assembly including ornaments, trims and moldings' with intended thickness, joints, seams, fasteners and wall arrangement shall be tested in accordance with **Table 1.15.a**.
- 4.7.3.5.** Where EIFS or ETICS is installed on Fire rated or load bearing walls, the wall arrangement shall be tested in accordance with **Table 1.15.b**.
- 4.7.3.6.** EIFS shall be specified in accordance with ANSI/EIMA 99-A (Latest Edition) 'American National Standard for EIFS'. ETICS shall meet the performance requirements as per ETAG 004 (Latest Edition) 'Guidelines for European Technical Approval of ETICS with Rendering'
- 4.7.3.7.** Requirements of the ANSI/EIMA 99-A or ETAG 004 guidelines shall be followed independently. Using parts from each of the guidelines is not permitted.

4.7.4. Test Certifications

- 4.7.4.1.** EIFS and ETICS panels and facade systems on non-fire resistance rated and non load bearing exterior wall coverings shall comply with **Table 1.15.a**.
- 4.7.4.2.** EIFS and ETICS panels and facade systems on fire resistance rated exterior wall assembly coverings shall comply with **Table 1.15.b**.

4.7.5. Application

- 4.6.6.1.** The occupancies and type of buildings that are allowed to have EIFS and ETICS shall be in accordance with **Table 1.15.a** and **Table 1.15.b**.

Points to Ponder

Governments all over the world advocate usage of green building products, which contribute to high energy efficient performances of buildings and reduce the carbon footprints.

However, there is a conflict when these sustainable building products are challenged with their fire resistance performance.