



6.3. Roofing System Testing and Acceptance

- 6.3.1.** The roofing systems manufacturers/suppliers and their product systems shall be registered with Municipality and Civil Defense Authority.
- 6.3.2.** The performance requirements of roofing systems shall be classified based on the following criteria.
 - a.** Occupancy of the building.
 - b.** Sprinkler protection for the building.
 - c.** Distance and proximity to other buildings.
 - d.** Construction Type and Building materials used.
- 6.3.3.** The roofing systems shall be certified and listed by a third party independent Testing and Certification body, approved by Civil Defense.
- 6.3.4.** Parties seeking approval for roof assemblies or rooftop structures shall furnish the test certificates, approval certification numbers for the system as an assembly and not for the individual components.
- 6.3.5.** Only companies with a valid commercial license will be eligible for Civil Defence approval if products are tested and certified according to specifications and requirements of this code.
- 6.3.6.** The entire roofing system including ornaments, trims and moldings' with intended thickness, involved core, insulation, joints, seams, fasteners and wall arrangement shall be tested in accordance with any of the following standards:
- 6.3.7.** Only Private Villas, Commercial Villas and Agricultural buildings are exempted from having fire rated/ listed roof assemblies or rooftop structures.
- 6.3.8.** Roof coverings with following materials shall be allowed without testing and certification.
 - a.** Brick, masonry or concrete exposed roof deck
 - b.** Tiles/ Slates made up of concrete or clay
 - c.** Copper or ferrous sheets/shingles

6.4. Design, Installation, Inspection & Maintenance

- 6.4.1. Design/Specification/Submittals**
 - 6.4.1.1.** It is consultant's responsibility to recruit roofing specialists to design roofing systems in full compliance with this code.
 - 6.4.1.2.** Consultant's roofing submittal to Civil Defence shall be during project design NOC application, along with architecture, fire alarm, fire fighting and smoke control proposals..
 - 6.4.1.3.** Roofing System shall be specified in accordance with their test certifications as an assembly as per **Table 1.22**.