

Sprinkler Requirements in Greece

Buildings greater than 28 meters must have sprinklers installed.

- Hotels – article 4.4 says that if sprinklers are used you can forgo some of the detection requirements.
- Schools – article 4.5 requires the use of sprinklers in basements if they are greater than 250 m² or in high risk areas such as boiler rooms.
- Offices – Requires sprinklers if the office building is greater than 20 meters high or is occupied by more than 400 people.
- Stores – Article 4.3 has the following requirements for sprinklers:
 - If floor area is greater than 1000 m² per floor
 - If the total floor area for the building is greater than 2500 m²
 - If basement is greater than 250 m²
 - In high risk areas such as boiler and electrical rooms
- Assembly Buildings – defined as holding greater than 50 people.
 - There are three types of buildings defined:
 - S1 for theaters, movies houses, general assembly areas, amphitheatres, education halls
 - S2 for museums, train and bus stations
 - S3 for sports stadiums
 - Article 4.3 basically states that sprinklers used in:
 - High risk areas
 - Theater and movie stages
 - Greater than 23 meters high
 - For floor areas above the highest floor that can be evacuated
- Manufacturing – divided into three categories:
 - Z1 for less than 1000 kJ/m² of fire load
 - Z2 for 1000 – 2000 kJ/m² of fire load
 - Z3 for greater than 2000 kJ/m² of fire load
 - Article 4.3 states:
 - that sprinklers must be used for Z3 category
 - if it's a Z2 category with floor area greater than 2000 m²
- Hospitals Nursing Homes
 - All high risk areas
 - > 100 beds
 - Greater than 12 m above the evacuation floor
- Prisons
 - Greater than 150 people
 - Greater height than 15 meters
- Garage and Gas Stations
 - Three categories
 - q1 single story
 - q2 multi story
 - q3 underground
 - sprinklers needed in:
 - q2 building basements
 - q3 if greater than 300 m²