

The Fire resistance department performs fire tests in accordance with [standardized test methods](#) but also ad hoc fire tests.

The Fire resistance department evaluates the resistance to fire of building elements and the contribution of fire protective products, mainly by means of [large-scale fire tests](#) under standard conditions.

During these [standardized fire tests](#), the loadbearing and/or separating capacity of construction elements is being evaluated.

In the context of the European standards, this evaluation leads to classifications for the loadbearing capacity (R), the integrity (E) and the thermal insulation (I) in case of fire. The resulting [classification](#) is then e.g. REI30, EI30, R30 etc....