

STANDARDIZED TESTS

National test standard

NBN 713.020 + addenda: Beveiliging tegen brand - Gedrag bij brand bij bouwmaterialen en bouwelementen - Weerstand tegen brand van bouwelementen

EUROPEAN TEST STANDARDS

General

EN 1363: Fire resistance tests - Part 1: General requirements

EN 1363: Fire resistance tests - Part 2: Alternative and additional procedures

Non-loadbearing elements

EN 1364: Fire resistance tests for non-loadbearing elements - Part 1: Walls

EN 1364: Fire resistance tests for non-loadbearing elements - Part 2: Ceilings

EN 1364: Fire resistance tests for non-loadbearing elements - Part 4: Curtain walling – Part configuration

Loadbearing elements

EN 1365: Fire resistance tests for loadbearing elements - Part 1: Walls

EN 1365: Fire resistance tests for loadbearing elements - Part 2: Floors and roofs

EN 1365: Fire resistance tests for loadbearing elements - Part 3: Beams

EN 1365: Fire resistance tests for loadbearing elements - Part 4: Columns

Doors & shutters

EN 1634: Fire resistance and smoke control tests for door and shutter assemblies and openable window assemblies and elements of building hardware - Part 1: Fire resistance tests for door and shutter assemblies and openable windows

EN 1634: Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterisation test for elements of building hardware

Protection of structures

CEN/TS 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 1: Horizontal protective membranes

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 2: Vertical protective membranes

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 3: Applied protection to concrete members

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 4: Applied protection to steel members

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 5: Applied protection to concrete/profiled sheet steel composite members

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 6: Applied protection to concrete filled hollow steel columns

ENV 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 7: Applied protection to timber members

prEN 13381: Test methods for determining the contribution to the fire resistance of structural members - Part 8: Applied reactive protection to steel members

Lift landing doors

EN 81-58: Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test

Service installation

EN 1366: Fire resistance tests for service installations - Part 1: Ducts

EN 1366: Fire resistance tests for service installations - Part 2: Fire dampers

EN 1366: Fire resistance tests for service installations - Part 3: Penetration seals

EN 1366: Fire resistance tests for service installations - Part 4: Linear joint seals

EN 1366: Fire resistance tests for service installations - Part 6: Raised access and hollow core floors

EN 1366: Fire resistance tests for service installations - Part 7: Conveyor systems and their closures

Classification standards

EN 13501-2 + A1: Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services

EN 13501-3 + A1: Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ducts and fire dampers

Ventilation systems

EN 1751: Ventilation for buildings - Air terminal devices - Aerodynamic testing of dampers and valves

International test standard

IMO Res. A.754 (18): Recommendation on fire resistance tests for "A", "B" and "F" class divisions (decks, bulkheads, pipe penetrations and cable transits)