

Reaction to fire is important during the growing phase of a fire and concerns the properties of a material with regard to the influence on the origin and the development of the fire.

### Relevant properties of the material are:

- ignitability/inflammability
- the amount of heat released during combustion
- the extent of propagation of flames over a surface
- the amount and the nature of the combustion gasses

WFRGENT nv has a large set of equipment to perform tests and assign classifications which are standardised on a national, an European as well as an international level. The full series of tests prescribed by the **European construction products directive** (CPD), tests for the **navigation** (IMO) and others are part of this.

[Reactie bij brand \(630.25 kB\)](#)

[EN 13501-5 : 2005 + A1:2009 - Classification for external fire exposure to roofs \(368.89 kB\)](#)

[EN 13823 - Single Burning Item Test \(306.9 kB\)](#)

[EN ISO 1182 - Non-Combustibility Test \(236.73 kB\)](#)

[EN ISO 11925-2 - Ignitability Test \(267.85 kB\)](#)

[EN ISO 1716 - Determination of the Calorific Value \(237.84 kB\)](#)

[EN ISO 9239-1 - Radiant Panel Test for Floorings \(229.82 kB\)](#)

[ENV 1187/A1 2005 - External fire exposure to roofs - Test Method 1 \(196.32 kB\)](#)

[ENV 1187/A1 2005 - External fire exposure to roofs - Test Method 2 \(199.71 kB\)](#)

[ENV 1187/A1 2005 - External fire exposure to roofs - Test Method 3 \(194.87 kB\)](#)

[The Euroclassification of Reaction to Fire Performance of Construction Products and Related Tests \(378.06 kB\)](#)

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