

## DECLARATION OF CONFORMITY TO FIRE

**OXYPLAST BELGIUM declares that,  
based on several test results according international acknowledged fire-testing  
norms on different OXYPLAST powder coatings:**

- **BS476 Part 7:** Fire tests on building materials and structures. Method for classification of the surface spread of flame products:

**Classification: Class 1 – A1**

- **NF EN 45545-2:** Fire protection on railway vehicles - Part 2 : requirements for fire behavior of materials and components
  - o ISO 5659-2: Smoke Opacity & Toxicity
  - o ISO 5658-2: Vertical critical Heat Flux
  - o ISO 5660-1: Heat Emission

**Classification: HL3** for requirements **R1 & R7**

- **NF F 16-101:** Fire testing to railway components.
  - o NF P 92-501: Burning behaviour of rigid components
  - o NF X 10-702: Smoke opacity
  - o NF X 70-100: Smoke Toxicity

**Classification M1 & F1**

- **NF EN 13501-1:2013:** Reaction to fire performance
  - o NF EN ISO 1716: Gross heat of combustion
  - o NF EN 13823+A1: Single burning item

**Classification A2-s1,d0**

It can be concluded that OXYPLAST powder coatings in general are self-extinguishing, have a very low flammability and low smoke opacity & toxicity upon heating/burning. It is the responsibility of the customer using our powder coatings to demonstrate that their own final product reaches the fire performance requested by regulation.

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