



## FIRE RESISTANCE CERTIFICATE

 **pensa** certifies that its cable tray

**pensaband<sup>®</sup>**

installed according to the procedures of the standard

**DIN 4102-12**

"Fire behaviour of building materials and elements,  
Fire resistance of electric cable systems required to maintain circuit integrity"

Has obtained the classification

**E60**

According to the tests made in a Laboratory of Fire Tests  
member of EGOLF, EUROLAB, ENAC y AENOR  
and with Reference Number of the Classification File 7012/05-2

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These tests confirm that, according to the conditions of the German DIN standard 4102-12 that studies the behaviour of an electrical installation in a fire, the Pensa<sup>®</sup> cable tray has withstood temperatures close to 950°C, for a duration of 60 minutes.

Within these fire tests it was also found that Pensa<sup>®</sup> cable tray did not create any toxic fumes, corrosives or opaque smokes which could be harmful to people or the installation and maintained, through the cables it was supporting, the electrical power to the installation.

We have demonstrated that the fire resistant properties of Pensa<sup>®</sup> cable tray, installed along with halogen-free electrical cables, greatly improves the security of the installation in the event of a fire. It does not worsen the situation of the fire and guarantees, through maintaining supply of power, the functioning of the electrical emergency equipment required during the time in which people are evacuated.

C. Merino Sebastián  
Directora de Calidad

