

## 4 Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with Clause 7 of EN 13501-2:2016.

### 4.2 Classification

According with section 7.5 of the standard EN 13501-2:2016, the fire resistance classification for the hinged metal single leaf doorset "FIRECUT 1B 60", as described in section 2 of this report, is as follows:

<p><b>Fire resistance classification: hinged metal single leaf doorset reference "FIRECUT 1B 60".</b></p>	<p><b>EI<sub>2</sub> 60 – C5</b></p>
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The decision rule to declare conformance to the specification or standard, is by following a simple binary decision rule. In this case, the upper limit of the probability value of false acceptance or false rejection, according to ILAC G8, is 50%. "

### 4.3 Field of application

This classification is valid for the following end use applications. Unless expressly stated otherwise in the following sections, the construction of the doors with the reference "FIRECUT 1B 60" must be identical to those described in section 2 of this report. The number of leaves and the mode of operation must not be changed.

#### 4.3.1 Materials and construction

The dimensions of metal wrap around frames may be increased to accommodate increased supporting construction thickness. The thickness of the metal may also be increased by up to 25 %.

The type of metal shall not be changed from that tested.

The number of stiffening elements for uninsulated doors and the number and type of fixings of such members within the panel fabrication may be increased proportionally with the increase in size but shall not be reduced.

#### 4.3.2 Decorative finishes

Paint finish not expected to contribute to the fire resistance of the door may be added to door leaves or frames.

Decorative laminates and timber veneers up to 1,5 mm thickness may be added to the faces (but not the edges) of the doors.