

### 3.2 Results

According to the test report of fire resistance No. 20/22712-1626 M1, the single leaf hinged steel doors with reference "SPLIT 60 1H", as described in Section 2, would maintain the integrity and thermal insulation criteria for at least 60 minutes.

According to extended application report of test results on durability of self-closing No. 22-32300764, the "SPLIT 60 1H" door, described in Section 2, would not suffer damage that might affect operations after 200.000 opening and closing cycles.

## 4 Classification and field of application

### 4.1 Reference of classification

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

### 4.2 Classification

In accordance with Section 7.5 of Standard EN 13501-2:2016, the classification of fire resistance for the single leaf hinged steel doors "SPLIT 60 1H", as described in Section 2 of this report, is as follows:

**EI<sub>2</sub> 60 - C5**

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 reference "SPLIT 60 1H" should be identical to those described in Section 2 of this report. The number of leaves and the mode of operation should not be modified.

#### 4.3.1 Specific restrictions on 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.