

### 3 Test reports/extended application reports and test results in support of the classification

#### 3.1 Test reports/extended application reports

This classification report is based on the test report of fire resistance N° 20/23009-1625 and on the extension report of the application of durability of self-closing N° 22-32301848.

Name of laboratory	Report N°	Report date	According to standard
LGAI Technological Center, S.A.	20/23009-1625	20/05/2021	EN 1634-1:2014+A1:2018
LGAI Technological Center, S.A.	22-32301848	16/03/2022	prEN 17020-1:2021

#### 3.2 Results

According to the test report for fire resistance N° 20/23009-1625, the single leaf hinged steel doorset with reference "FIRECUT 1B 30", as described in section 2, they would maintain the integrity and thermal insulation criteria for at least 30 minutes.

According to the extended application report of durability of self-closing N° 22-32301848, the single leaf hinged steel doorset with reference "FIRECUT 1B 30", as described in section 2, they would not suffer damage that could affect operation 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 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 single leaf hinged steel doorset "FIRECUT 1B 30", as described in section 2 of this report, is as follows:

**EI<sub>2</sub> 30 – 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%. "