

LGAI

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Bellaterra, 28th July, 2017

Sponsor: KRONA KOBLENZ S.p.A.
Factory: Via Piane, 90
Head office: Via O. Romero, 1
47853 Coriano (RN)
Italy

File number: 17/13711-160 M1
Report issued on: 07th July, 2017
Test Date: 1st February, 2017

Sample tested: A hinged timber double leaf door incorporating concealed hinges with reference "Atomika" by Krona Koblenz S.p.A.

Standard test: EN 1634-1:2014: "Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware. Part 1: Fire resistance test for door and shutter assemblies and openable windows".

The sample tested has been subjected to the conditions specified in the Standard EN 1634-1:2014, to verify the compliance with the criteria of integrity and thermal insulation.

Characteristics of the tested sample:Dimension of the door:

Overall dimensions (architraves included): 2203 x 2018 mm (height x width).

Dimensions of the clear opening: 2100 x 1816 mm (height x width).

Dimensions of active leaf: 2097 x 912 mm (height x width).

Dimensions of passive leaf (astragal not included): 2097 x 912 mm (height x width).

Thickness of each leaf: 60 mm.

Weight of the door (according to technical data provided by the sponsor):

Total weight of the door (leaves, frame and accessories included): 212 kg.

Total weight of the door (leaves and frame included): 203 kg.

Total weight of each leaf: 56 kg

Door tested with two concealed steel hinges with golden finish per leaf with reference "Atomika" by Krona Koblenz S.p.A.

Hinges tested with reference "Atomika" by Krona Koblenz S.p.A tested in a door which satisfied the following criteria:

Thermal insulation: 37 minutes.

Integrity: 37 minutes.

This document cannot be considered either a type approval or a certification of the product.

Responsible of Fire Laboratory
LGAI Technological Center, S.A.

Responsible of Fire Resistance
LGAI Technological Center, S.A.

The results refer only and exclusively to the samples tested in the moment and under the conditions indicated herein.

Service Quality Guarantee

Applus+, guaranties that this task has been carried out following the exigencies of our Quality and Sustainable System, complying with the contractual conditions and legal regulation.

Within the framework of our improvement programme, we would appreciate any comment you may deem appropriate, addressing them to the responsible who signs this document or to the Quality Director of Applus+, to the direction: satisfaccion_cliente@applus.com

This document is merely for informational purposes.

The results concern solely and exclusively with the tested sample in the moment and the indicated conditions.

Valid documents are the respective test report completed and emitted with number 17/13711-160 M1 issued by Applus- LGAI.

For more information of the tested sample and testing procedure see the complete test report.