

FIRE SAFETY CERTIFICATION

FIRE PERFORMANCE

No. **APF-2014**

LGAI TECHNOLOGICAL CENTER S.A. (APPLUS), according to the requirements of the SPC-117 certifies the Fire Performances following the Classification and Testing standard for:

Product	One hinged timber single leaf door reference X 766. HINGES CEAM REFERENCE: 1430 HINGES CEAM REFERENCE: 1431 (*) EN 14351-2:2018: WINDOWS AND DOORS – PRODUCT STANDARD, PERFORMANCE CHARACTERISTICS. PART 2: INTERNAL PEDESTRIAN DOORSETS
Company	CEAM AMADEO SPA VIA DANTE ALIGHIERI, 5 22072 CERMENATE COMO (ITALIA)
Manufactured	FBP PORTE VIA DELLE IMPRESE,1 (ZONA INDUSTRIALE) 48015 MONTALETTO DI CERVIA RAVENNA (ITALIA)
Classification and testing standards	EN 1634-1:2014+A1:2018 "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". EN 13501-2:2016 "Fire classification of construction products and building elements. Part 2: Classification using data from fire resistance tests, excluding ventilation services".
Product Details and Test Report	Check at the technical annex and report nº 22/32301269 and 22/32301269-1 M1



LGAI has performed the product initial tests and the initial assessment of the management system. Periodically, the entity does a follow-up assessment of the management system.

(*) This standard is not the subject of this certification; it is used only for clarification of the type of product to which the fire performances according to the standards specified in the clause Classification and testing standards are certified

Renovation of the initial certificate issued on 28th October 2022

Valid until 31st October 2025

Bellaterra, 4th October 2024

 Applus⁺ LGAI Technological Center, S.A. Xavier Ruiz Peña Product Conformity B. U., Managing Director	
You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products	

This document is not valid without its technical annex, whose number coincides with the number of certificate.

APF-2014

CERTIFIED PERFORMANCES

Resistance to fire classification:
 EI₁ 30
 EI₂ 30

PRODUCT

Door type		Hinge timber single leaf door
Dimensions	Minimum	Unlimited
	Maximum	1161,6 x 2823,25 mm (width x height) Maximum dimensions <i>provided that the total area does not exceed 2,97 m²</i>
Leaves	Number	1 leaf
	Opening direction/ exposition	Inwards the furnace
	Thickness	44 mm.
	Composition	MDF reference MDF STANDARD "1E" thickness 4 mm and density 870 kg/m ³ + Mineral panel (stone wool) reference PROMAPYR® thickness 36 mm and density 300 kg/m ³ + MDF reference MDF STANDARD "1E" thickness 4 mm and density 870 kg/m ³ The leaf door incorporate a perimeter structure made up of solid fir wood density 450 kg/m ³
Doorframe	- Total dimensions of section: 40 x 110 mm (width x depth) - 2 vertical elements (2440 mm in length) and one upper element (980 mm) - Constituent elements: • Fir wood 40 x 110 mm (width x depth) density 450 kg/m³ • MDF panel reference MDF Standard "1E" thickness 2 mm and density 870 kg/m³ - The 15 mm-gap between the frame and supporting construction incorporates polyurethane foam reference PROMAFOAM® C	
Hardware	- Handle: Steel AISI 304 reference SWL 1190 SSS - Cylinder: Reference TS007 - Lock with strike: Reference DLE7255EP/SSS/R - Hinges: a minimum of 4 Zamak hinges reference 1430 - Adjustable bolts: a minimum of 4 adjustable steel bolts with strike reference CHEMOLLI-FIREBOLT A1 - Active bolts: a minimum of 3 active bolts with strike reference CHEMOLLI-FIREBOLT A2.0 Optional: - Tubular concealed door closer reference CHEMOLLI-FIREBOLT AF - Overhead door closer reference TS 69	
Maximum clearances	Between leaf and lintel	4.6 mm
	Between leaf and hinged side	4.9 mm
	Between leaf and lock side	6.5 mm
	Between leaf and floor	10,0 mm
Supporting construction	Rigid supporting construction with a minimum thickness of 200 mm and a minimum density of 1920 kg/m ³ .	