

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

Notified Body Nr. 0370

No. **0370-CPR-6389**

In compliance with Regulation (EU) Nr.305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**PEDESTRIAN DOORSETS, INDUSTRIAL, COMMERCIAL, GARAGE DOORS AND OPENABLE WINDOWS.**

COVERED BY EN 13241:2003+A2:2016.

PRODUCT RANGE: **AKE 120H**

Placed on the market under the name of:

**NGR TECHNOLOGIE SP. Z O.O.**

UL. ZIELONOGÓRSKA 8  
62-065 GRODZISK WLKP.-POLAND

And produced in the manufacturing plant:

UL. ZIELONOGÓRSKA 8  
62-065 GRODZISK WLKP.-POLAND

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 16034:2014**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 10<sup>th</sup> June 2022 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**The monitoring assessment will be done before 31<sup>st</sup> March 2023**

Bellaterra, 10<sup>th</sup> June 2022



  
LGAI Technological Center, S.A.

Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



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

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility



**0370-CPR-6389**

Annex according to **EN 16034:2014**

**PEDESTRIAN DOORSETS, INDUSTRIAL, COMMERCIAL, GARAGE DOORS AND OPENABLE WINDOWS.**  
 PRODUCT STANDARD, PERFORMANCE CHARACTERISTICS. FIRE RESISTING AND/OR SMOKE CONTROL  
 CHARACTERISTICS

**"AKE 120H" FIRE CURTAIN WITH MAXIMUM DIMENSIONS 20 M X 15 M (WIDTH X HEIGHT)**

**CERTIFIED PERFORMANCES**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Resistance to fire (for fire compartmentation uses)	4.1	E 120
Smoke control (only for applications where limitation of smoke spread is required)	4.2	NPD
Ability to release	4.3	NPD
Self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows)	4.4	C
Durability of ability to release	4.5.1	NA
Durability of self-closing (only for self-closing fire resistant and/or smoke control doorsets and/or openable windows) - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1	NPD
	4.5.2.2	NPD

PASS; NPD = No Performance Determined; NA = Not Applicable

## 0370-CPR-6389

### "AKE 120H" FIRE CURTAIN WITH MAXIMUM DIMENSIONS 15 M X 15 M (WIDTH X HEIGHT)

#### CERTIFIED PERFORMANCES

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Resistance to fire (for fire compartmentation uses)	4.1	E 180
Smoke control (only for applications where limitation of smoke spread is required)	4.2	NPD
Ability to release	4.3	NPD
Self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows)	4.4	C
Durability of ability to release	4.5.1	NA
Durability of self-closing (only for self-closing fire resistant and/or smoke control doorsets and/or openable windows) - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1	NPD
	4.5.2.2	NPD

PASS; NPD = No Performance Determined; NA = Not Applicable

## 0370-CPR-6389

### "AKE 120H" FIRE CURTAIN WITH MAXIMUM DIMENSIONS 3 M X 2,8 M (WIDTH X HEIGHT)

#### CERTIFIED PERFORMANCES

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Resistance to fire (for fire compartmentation uses)	4.1	E 240
Smoke control (only for applications where limitation of smoke spread is required)	4.2	NPD
Ability to release	4.3	NPD
Self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows)	4.4	C
Durability of ability to release	4.5.1	NA
Durability of self-closing (only for self-closing fire resistant and/or smoke control doorsets and/or openable windows) - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1	NPD
	4.5.2.2	NPD

PASS; NPD = No Performance Determined; NA = Not Applicable

## 0370-CPR-6389

### PRODUCT

- Folding fire curtain reference "AKE 120H" with flat configuration.
- Heavyweight glass fabric reinforced with stainless steel wire reference "4415-2-SP-HP" with a thickness of 0.7 mm and 690 gr/m<sup>2</sup>.
- Sewing thread reference "HNZ 6300" made of aramid fiber filaments with PTFE coating.
- Cloths are fixed between each of them with an overlap between cloths of 55 mm sewed with the previous element with a distance between stitches of 7 mm and between seams of 50 mm.
- Bottom bar composed by:
  - 2 mm thick, upper galvanized steel sheet.
  - 0.7 mm thick, lower galvanized steel sheet.
  - Fire retardant panels between the upper and the lower steel sheet.
- Headbox made by:
  - Main body with U profile of 375 x 400 mm.
  - Five sets pulley bodies to pick up elevator straps.
  - Motor box with dimensions of 205 x 180 mm (height x depth).
  - L profiles that provide location to fix to support construction.
- Pulley roller made of galvanized steel sheet circular tube.
- Tubular electric motor with brake reference "XL 120/11M" by Becker of 230 V and a power up to 435 W located outside the main body of the headbox screwed to it.
- Guiding system: composed by peripheral covers and vertical rods on the laterals.
- Peripheral covers made with U shaped profiles with dimensions 202x274x202 mm, made of 2 mm galvanized steel sheet and fire retardant panels
- Rigid supporting construction of at least 200 mm of thickness and 1810 kg/m<sup>3</sup> density.

The complete technical data of the certified model **AKE 120H** is detailed in the technical file reports nº 22-32303235 & 22-32303235-1.