



CTO S.A.

Jednostka Notyfikowana Nr 2434

Centrum Techniki Okrętowej S.A.
Ośrodek Certyfikacji Wyrobów
ul. Szczecińska 65, 80-392 Gdańsk
tel.: +48 58 307 45 28
e-mail: certyfikacja@cto.gda.pl

CENTRUM TECHNIKI OKRĘTOWEJ S.A.
OŚRODEK CERTYFIKACJI WYROBÓW



AC 170

CERTIFICATE OF CONSTANCY OF PERFORMANCE

2434-CPR-0160

In compliance with Regulation(EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction products Regulation or CPR) as amended, this Certificate applies to the construction product:

Fire Screen Type FS EI60/EW120

in fire resistance class, acc. to PN-EN 13501-2:2016

EI₁₄₅, EI₂₆₀, EW120

placed on the market under the name or trade mark of :

NEXT DOOR SYSTEMS BV
Randweg 19, 8304 AS Emmeloord
The Netherlands

and produced in the manufacturing plant:

50-005

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.

The product is also covered by EN 13241:2003+A2:2016 standard under system 3 of assessment and verification of constancy performance.

This certificate was first issued on 14.10.2020 and will remain valid as long as neither the harmonised standard, the construction product, the assessment and verification of constancy of performance methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

Magdalena Laskowska

Head of the Product Certification Division of CTO S.A.

Gdańsk, 14.10.2020

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Product performance characteristics: Fire Screen Type FS EI60/EW120

Essential characteristics	Requirements of EN 16034:2014 standard	Level, class and/or description
Resistance to fire	4.1	EI ₁₄₅ , EI ₂₆₀ , EW ₁₂₀
Height x width (max dimensions)	-	width 16 m height 10 m
Smoke control	4.2	NPD
Ability to release	4.3	fulfils
Self-closing	4.4	C
Durability to ability to release	4.5.1	fulfils
Durability of self-closing against degradation	4.5.2.1	Category of use 2
Durability of self-closing against ageing (corrosion)	4.5.2.2	fulfils

The performance characteristics, resulting from EN 13241:2003+A2:2016 harmonised standard, which are subject of the system of assessment and verification of constancy of performance 3, shall be obtained from the product manufacturer's declaration of performance.

Product description:

A fire resistant rolling shutter of FS **EI₁₄₅/EI₂₆₀/EW₁₂₀** type consists of the following elements: a rolling shutter jacket, a winding shaft, winding shaft supports, guides, a load of the bottom edge, a drive system.

The rolling shutter jacket consists of three layers, including two identical external layers (FM1D) and a internal layer (MH-6). The particular parts of the materials are sewn together with Dg thread.

The upper edge of the rolling shutter jacket is attached to the winding shaft, made of a steel tube through a steel flat bar. The external layers of the jacket, along its lower edge, are connected with each other with NDS material, to each of the external layer a load of the rolling shutter lower edge made of steel flat bar is mounted. The guides are made of galvanised steel sheet and protected with fire-resistant plates.

The rolling shutter opening is driven by a tubular motor or an external driving system.

The rolling shutter control is provided by a control centre.

Detailed technical parameters and final classification conditions, acc. to PN-EN 13501-2:2016 standard, are provided in Classification Report No. LBO-905-K/19 of 05th September 2019.

Assembly

A standard rigid fixing structure of high or low density.

Intended use

To be used as a vertical, mobile partition to close the passage between fire separation zones at industrial premises and public buildings.