



LAPI LABORATORIO PREVENZIONE INCENDI S.p.A.
Sede Primaria: I-59100 PRATO - Via della Quercia, 11
Telefono +39 0574.575.320 - Telefax +39 0574.575.323
Sede Secondaria: I-50041 CALENZANO (FI) - Via Petrarca, 48
e-mail: lapi@laboratoriolapi.it
web site: www.laboratoriolapi.it



0241PRD

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Reg. 305/2011
Notified Body N°0987

Certificate of Constancy of Performance 0987-CPR-637 Rev.1

In compliance with the Regulation UE 305/2011 on the approximation of law, regulations and administrative provisions of the Member States relating to the construction products, it has been stated that:

the building products of the family:

FS18OR18 450/750V

Denominated:

FS18OR18 450/750V

Description of the product:

Single core electric cables with insulation in PVC S17 quality

Cable construction from: $2 \times 1,5 \text{ mm}^2 \phi_{\text{ext}} = 6,6 \text{ mm}$ a: $5 \text{ G}2,5 \text{ mm}^2 \phi_{\text{ext}} = 10,3 \text{ mm}$ - Parameter X: $X_{\text{min}} = 18,0$; $X_{\text{max}} = 47,38$

Type: Multi-core energy, signalling, control cables - Use: Energy, signalling, control cables

Produced by:

PAPPALARDO CAVI S.R.L.

C.da Valcorrente, sn - 95032 Piano Tavola - Belpasso (CT) - Italy

in the factory of:

C.da Valcorrente, sn - 95032 Piano Tavola - Belpasso (CT) - Italy

is submitted by the manufacturer to the factory production control (FPC) under **System 1+** and to the testing of samples (ITT) by the Notified body for Certification, Inspection and Testing according to Regulation UE 305/2011. The Notified Body (**LAPI S.p.A. - Laboratorio Prevenzione Incendi N° 0987**) has performed the initial type testing on the samples taken at the factory in accordance with the described test for the relevant characteristics of the product, the initial inspection of the factory and the factory production control and it will perform the continuous surveillance, assessment and approval of the factory production control. The Notified Body could perform the verification tests on samples taken at the factory, on the market or in the building site.

This certificate attests that all provisions concerning to the **System 1+** and the performances described in Annex ZZ of the standard

EN 50575:2014 + A1:2016

Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements are performed.

Moreover the product has reaction-to-fire Euroclass classified according to UNI EN 13501-6:2023

C_{ca} - s3, d0, a3



The above classification is the max obtained by the Family. All lower classifications are included.

This certificate has been issued on 17/04/2023; this rev.2 has been issued on 02/04/2025 for update of reaction to fire Euroclass and remains 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 and latest on 16/04/2028.

Prato, 02/04/2025

The Technical Director
Dr. Luca Ermini