



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

Notified Body No. 1224

In compliance with *Regulation 305/2011/EU 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

**Astro Thermal Fire PS/PS+; Astro DS Duct Sleeve/+ & Astro DS+ Low Profile (LP) Duct Sleeve**

**Penetration Seal System: Pipe Closure Device - Intumescent Sleeve in accordance with ETAG 026-2, Clause 1.1, Table 1.1 "Wraps"**

Astro Thermal Fire PS/PS+; Astro DS Duct Sleeve/+ & Astro DS+ Low Profile (LP) Duct Sleeve consist of an Intumescent Sleeve and are intended for use as pipe closure devices installed around metal and plastic pipes (including PVC-U circular and rectangular ambient pressure extraction and ventilation "duct" type pipes to form a penetration seal to reinstate the fire resistance performance of non-load bearing wall and floor constructions, where they have been provided with apertures for the penetration of services.

Ability to release external pedestrian doors in escape routes

produced by

**Astroflame (Fire Seals) Ltd**

Intumescent House, Unit 8, The IO Centre, Stephenson Road, Segensworth, PO15 5RU

and produced in the manufacturing plant

**Astroflame (Fire Seals) Ltd**

Intumescent House, Unit 8, The IO Centre, Stephenson Road, Segensworth, PO15 5RU

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard ETA - 12/0332 Penetration Seals - Firefly 109 & Firefly 109+ Fire Sleeves under system 1 are applied and that the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 26 June 2014 and will remain valid until the date of expiry shown, provided that the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

**Karen Prendergast**  
Sector Director - Certification  
Exova BM TRADA

**Certificate Number**

1224-CPR-0555

**Date of Initial Certification**

26 June 2014

**Date of Last Issue**

11 October 2018

**Date of Expiry**

13 July 2020

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