

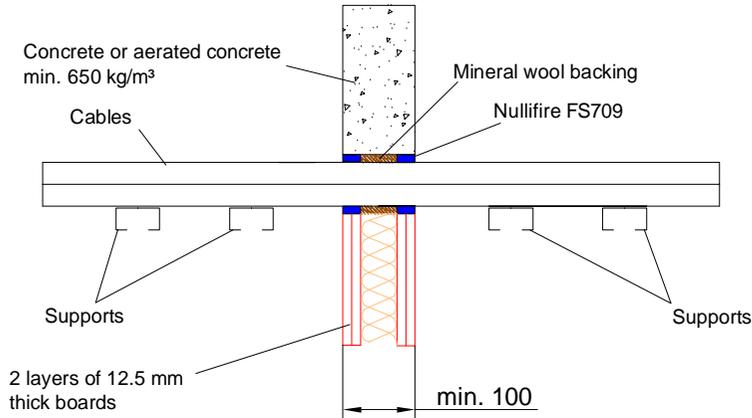
Nullifire Technical Drawings

FS709 Intumescent Sealant Electrical Service Penetrations Through Walls

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- ▶ Cables penetration seal in minimum 100mm thick walls (FS709-SS1)

**Nullifire
FS709-SS1**



APPROVAL:

ETA 17/0388

Tested cable types and max. Ø of the cables
Look at the table in this detail

FS709-SS1
Fire class; Look at the attached table

Additional information ETA-approval/ Annex A.

Technical installation instructions need to be followed installing the products.

The max. seal size of 1200 mm wide by 1800 mm high

Min. 100 mm to edge of seal and between services

The max. cross section of services 60 %.

The min. permitted separation between pipes of 65 mm

\$ EN12201 DIN 8074/8075

Services	Opening size	Seal structure	Fire class
Single electrical and telecoms cables up to Ø21mm (including bundles up to Ø40mm)	600x140 mm	Nullifire FS709, 25mm deep on each face, backed with 50 mm thick tightly packed stone wool (33kg/m³)	EI90
Steel cable trays and ladders up to 300mm wide			EI60
Bundles of up to 10 electrical cables, up to Ø80mm			EI45
Non-sheathed cables up to Ø24 mm			

THE CONTENTS OF THE DRAWING

Cables penetration seal in minimum 100mm thick walls

DESIGNER

REV

Nullifire has provided this specification on the basis of the data and information given to Nullifire by the customer, the Nullifire product information and level of technical knowledge this specification relates to is expected to provide the level of fire performance, should the proposed detail be subjected to the standardised fire resistance performance against which the judgment has been made.

- The accuracy of this specification relies on the following:
1. Only Nullifire products as defined in the specification are used.
 2. The specific products are installed by a competent person, utilising Nullifire installation manual and data sheets noting limitations.
 3. The proposed specification has been checked by the user.
 4. For Details on CE Marked Products Refer to the CE Technical Data Sheets.

SEAL OF APPROVAL MUST BE VERIFIED IF THIS DOCUMENT HAS BEEN MODIFIED

DATE

27.9.2018

SCALE

Not scaled

DETAIL MARK

FS709-SS1