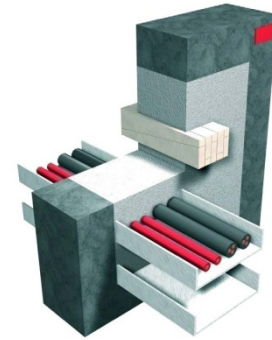


# Technical Data Sheet

## Sellafoc

### Mortar for services installations



Cement based mortar, fire resistant, for passive fire protection in step sealed firewall facilities passage of cables and pipes in walls and ceilings.

#### Properties and scope application

System designed to prevent the spread of fire through openings in floors and fire-resistant walls, needed to step in building facilities and general industry.

System mechanically resistant, easy to apply with conventional tools. Suitable for fire-tight enclosures that have flood risks. Waterproof. Suitable for sealed transit requiring maintenance personnel. The mortar can be tooled and accepts a variety of finishes. An ideal system for future installation of cables or other services as needed.

#### Application

1. Prepare the surface. It must be clean, sound and free of dust, oil and grease. Cables or pipes must be installed in accordance with local regulations electrical
2. Preparation of the mortar. Adding water to the mortar with a quantity of approximately 8 liters of water by bag of Sellafoc. The relationship between water and the desired consistency mortar determined (stiff).
3. Mix the mortar intensively, preferably with an electric drill and stirrer at low revolutions.
4. Applying mortar filling all gaps between the wires or pipes that make up the seal. The use of moulds or formwork for deeper connections in order to facilitate its implementation.
5. After the application, cleaning supplies and tools can be made by water while mortar is fresh state. Once it has hardened, can only be removed mechanically.

#### Technical Characteristics

Base	Concrete
Colour	Grey
Fresh mortar density	1350 Kg/m <sup>3</sup>
Hardened mortar density	1200 Kg/m <sup>3</sup>
Compressive strength	> 1,4 N/mm <sup>2</sup>
Reaction to Fire	A1 (according 2000/605/EC)
Resistance to water jet up to	5,5 bar.
Thermal conductivity	0.64 W/mK
Packed	Bags of 20 Kg. 56 bags per pallet (1120 Kg)
Storage	It can be stored for 12 months in its original sealed packaging in a dry place

#### Approvals and Certificates

SELLAFOC is tested according valid European standards. Tested according EN 1366-3.

Mortar has a resistance to fire classification until 180 minutes (EI-180) for electrical cables depending of the cable type, and a fire resistance until 240 minutes (EI-240) for metal pipes.

Product has the CE Marking through ETAG 026 Part 2 according European Regulation N° 305/2011

Reference Documents:  
ETA 17-0371

