



## Ready-to-use fireproof panel

### DESCRIPTION

**AF PANEL** is a fireproof panel certified under EN 1366-1, EN 1366-3 and EN 1366-4 for **up to EI 240** protection of a wide range of wall and floor penetrations: pipe and duct penetrations, cable trays, fire dampers and expansion joints are some of the certified applications of this product to create a smoke and fire-resistant structure.

AF PANEL consists of a semi-rigid non-combustible panel in mineral fibre, covered on both sides with a white ablative product. The product can be shaped directly on site with a cutter to recreate an integral structure suitable for the application of other products for each penetration (e.g. collars or intumescent pillows). The industrially applied fireproof coating on both sides provides a ready-to-use product which complies with the test certificates, eliminating the need to paint them on site and verify the thickness consistency of the coatings.

### DIRECT APPLICATION

Cables in cable trays and corrugated pipes  
 Busbars  
 Combustible pipes  
 Multilayer pipes

Insulated and uninsulated metal pipes  
 Mixed penetrations (including fire dampers)  
 Duct penetrations  
 Expansion joints

### FEATURES

Dimensions:	1200x600x50 mm
Wool panel density:	150 kg/m <sup>3</sup>
Finished product specific weight:	215 kg/m <sup>3</sup>
Thermal conductivity $\lambda_p$ :	0.036 W/mK
Sound absorption coefficient $\alpha_s$ :	0.64

### PACKAGING AND STORAGE

Cardboard boxes containing five panels. On pallets

The product remains unaltered if stored in a closed environment away from humidity and direct exposure to atmospheric agents.

### APPLICATION METHOD

1. Measure the size and shape of the opening to be sealed;
2. Apply them to the AF PANEL;
3. Shape the panel using construction site saws or cutters, taking care to leave a slightly larger template than the size of the opening to be sealed;
4. Spread a small amount of **AF SEAL W** on the template sides or directly on the masonry inner edge where the template will be applied;
5. Apply the template and insert it in the opening by "slotting it in";
6. Smooth the joints with a trowel using AF SEAL W sealant.

### SPECIFICATION

Supply and application of semi-rigid rock wool AF PANEL, treated on both sides with the ablative product **AF SEAL T1**, with nominal density of 215 kg/m<sup>3</sup>, created for fire protection EI 240 of system penetrations in walls and floors. The panel can be cut and shaped with a "cutter" or hacksaw and applied with **AF SEAL W** fireproof sealant. The system does not require additional surface coatings.

### CERTIFICATIONS

Class EI 240 (UNI EN 1366-3)  
 Class EI 240 (UNI EN 1366-3)  
 Class EI 120 (UNI EN 1366-3)

*rigid floor*  
*rigid wall*  
*Xlam floor*  
*plasterboard wall*  
*self-supporting wall*  
*sandwich wall*

Class EI 120 (UNI EN 1366-3)  
 Class REI 120 (UNI EN 1365-2)  
 Class EI 120 (UNI EN 1366-3)  
 Class EI 180 (UNI EN 1366-4)  
 Class EI 180 (UNI EN 1366-4)

*Xlam wall*  
*fibre false ceiling*  
*membrane false-ceiling*  
*joints on rigid wall*  
*joints on rigid floor*