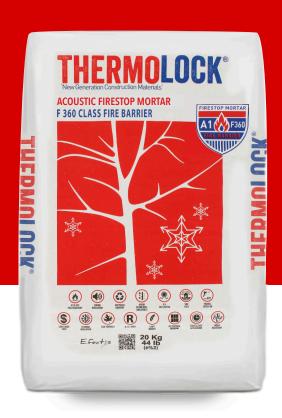
Fire Barrier F360 Class

Provides European standards and F360 class fire resistance



## **Technical Data Sheet**



Fire Barrier F360 Class

European standards F360 class fire resistance











### **Acoustic Firestop Mortar**

THERMOLOCK Acoustic Firestop Mortar is a new generation construction plaster designed for acoustic and fire insulation. It is classified as A1 non-combustible according to EN standards and provides F360 class fire resistance. F360 class defines the highest level of protection for fire-retardant insulation materials.

The product is specially formulated for interior and exterior applications requiring superior fire safety and acoustic insulation. It has a breathable structure due to the perlite and inorganic components it contains, while never allowing fire or smoke formation. It is also suitable for use on different surfaces.

#### **Advantages**

- Fire resistance ≤ 360 minutes
- CE-certified
- High acoustic insulation

- Easy to install
- Smooth finish
- Suitable for most surfaces



Fire Barrier F360 Class

European standards F360 class fire resistance



## **Application**

- 1. The substrate should be clean, free of dust, oil, and weak particles.
- 2. Mix 20 kg powder with approximately 15-16 liters of clean water using a low-speed mixer.
- 3. Apply manually with a trowel or by machine spraying.
- 4. For multilayer applications, allow the first layer to dry before applying the next.
- 5. Protect the surface from direct sun, wind, and frost during curing.

#### **Areas of Application**

Wall and ceiling coverings	Gas pipes, drinkpipes, meter box penetrations
Cable trays, ladders, cables and cable bundles	The outer surfaces of the arc furnaces
Multilayer pipes with or without insulation	Chimney linings of iron and steel factories

#### **Applicable Surface Areas**

- Concrete	- Glass
- Wood	- Metal
Plastic	Gypsum board

#### **Primer Application**

Primer use is required for surfaces other than concrete.

The product to be used as primer is Thermolock Adhesion Enhancing Transition Primer.

Please refer to the product's technical data sheet or product documentation for its use.



## Acoustic Firestop Mortar Fire Barrier F360 Class



## **Technical Specifications**

Property	Value
Color	Grey
Binder	Special cementitious formulation
Density (Bulk)	450 ± 5% kg/m3
Thermal Conductivity (λ)	0.060 W/m·K (±10%)
Fire Classification	A1 Non-Combustible (EN 13501-1)
Fire Resistance	F360 (360 minutes)
Sound Insulation	Up to 56 dB depending on system
Water Vapor Permeability	High (breathable)
Water Resistance	Hydrophobic additives (upon request)
Compressive Strength	CS III (≥ 3.5 N/mm2)
Adhesion Strength	≥ 0.3 N/mm2
Workability Time	120 minutes
Drying Time	24-48 hours depending on layer thickness
Mixing Water Requirement	15-16 L per 20 kg bag
Application Thicness	10-30 mm (per layer)
Consumption	4.5-5.0 kg/m2 for 10 mm layer
Shelf Life	12 months in dry conditions
Application Temperature Range	+5 C <sub>o</sub> . + 35C <sub>o</sub>
Application Type	Machine or Steel trower
Packaging Type	20 kg



Fire Barrier F360 Class

European standards



### **Storage**

- Store in a dry, closed place on pallets.
- Do not stack more than 10 bags.
- When stored this way, it has a shelf life of 12 months.

## **Safety**

Avoid contact with skin and eyes

Wear protective gloves and goggles during application.

Non-flammable and non-toxic. Classified as a non-hazardous cement-based material.

For detailed health information, please refer to the MSDS document.



















