

Fire Protection Tile

Passive Fire Protection Panel – EI90



1. Product Identification

Product Name	FireShield Tile
Fire Classification	EI90
Product Type	Passive fire protection panel
Panel Format	Rectangular modular tile

2. Dimensions and shipping data

Length	1000 mm
Width	500 mm
Panel Ratio	2:1 (Length : Width)
Nominal Thickness	27mm Insulation (ceramic fiber) and 2+1 mm steel

Shipping dimensions 1025mmWx1025mmDx1650mmH/100pcs per pallet

3. Construction

Fire-resistant non-combustible core encapsulated within metallic outer skins. Rigid composite structure with factory-finished surface.

4. Fire Performance

Classification: EI90

Provides 90 minutes Integrity (E) and Insulation (I) when installed as part of a tested and compliant fire-resistant system.

5. Typical Applications

Compartmentalization systems, electrical plant rooms, energy storage enclosures, service risers, equipment protection zones, and industrial/commercial environments.

6. Installation

Mechanically fixed to suitable structural substrate. Joints to be tightly abutted and penetrations sealed with compatible fire-rated materials. Installation must follow approved system configuration to maintain EI90 performance. Fixation brackets are available to order.

