MINERAL FIBER TILE

ELBRÚS

Material	Color	Thickness
Mineral fiber	White	12 mm

Square Lay-in

T-15 (9/16")

T-24 (15/16")

Sound reduction CAC: 32

Sound absorption NRC: 0,65

Humidity resistance: 90%

Fire classification*: Class A

Density: High

Size: 2' x 2' / 610 mm x 610 mm
2' x 4' / 610 mm x 1220 mm

*** Fire classification:**
ASTM E84-14. Surface combustion features. Flame spread index of 25 or less, smoke developed index of 50 or less. The above test procedure is comparable to UL 723, ANSI / NFPA No. 255, and UBC No. 8-1.

Uses or application:
Office, Medical center, Hospital, Retail store, Department store, School, University, Restaurant, Laboratory, Hypermarket, Airport, Station, factory, Warehouse, etc.

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Our mineral fiber tiles are characterized by high resistance and durability, their surfaces have a superior design, smooth and fine texture; Within its high quality materials, we guarantee high levels of sound absorption and sound reduction, making comfortable environments, at the same time, provides security thanks to fire resistance and fire retardancy features, those are classified under international standards. Products are made to resist humidity and do not contain hazardous components such as formaldehyde and asbestos. Ideal to create modern and simple spaces thanks to a variety of sizes, thickness, and edges.

Sound Reduction:
Good sound reduction counteracts external acoustic influences that are transmitted via adjoining building components – such as ceilings – into neighbouring rooms and is therefore an important contribution to sound protection.

Sound Absorption:
When a sound wave meets an object, part of the sound energy is reflected, and the other part absorbed. Sound absorption refers to the reduction of sound energy in a room through a sound wave losing energy through component surfaces. Thus, it determines the acoustic well-being of an user in a room as it shortens the reverberation time, reduces the noise level, and increases speech intelligibility.

Humidity resistance:
Humidity has a significant impact on the stability and structure of a fiber mineral tile. Therefore, rooms regularly submitted to high humidity should be installed with a ceiling tile with a humidity resistance of > 85%.

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