



TECHNICAL DATA SHEET

Mineral Fiber GlassWool, 50 mm – 16 kg/m³



DESCRIPTION

Gypsemna Audio-Insul is a thermal and acoustical insulation in the form of a flexible blanket manufactured from inorganic glass mineral wool bonded by a thermosetting polymer resin binder.

APPLICATIONS

Gypsemna Audio-Insul is used as an integral part of a Gypsemna Partition, Ceiling or Wall Lining to enhance the sound insulation or the thermal insulation of the system. It is also used in conjunction with Gypsemna's Anti-Echo perforated gypsum board in a Ceiling or Wall Lining to enhance the sound absorption of the system.

PRODUCT DATA

Thickness: 50 mm
Density: 16 kg/m³
Pack Size: 1.2 m x 20 m rolls

SPECIFICATION COMPLIANCE

ASTM C553 TYPE I AND II
ASTM C136
ASTM C612

TECHNICAL DATA

Surface Burning Characteristics

As per ASTM E84, NFPA255 and UL723.

Odour (ASTM C 1304)

No objectionable odour emission.

Corrosiveness (ASTM C 665)

Corrosion is not accelerated on steel, copper or aluminum.

Leachable Chloride

Test conducted in accordance with ASTM C871 is within acceptable range.

Alkalinity

The pH is between 9.0 – 10.0.

Resistance to Microbial Growth (ASTM C 1338)

Microbial growth is not promoted.

Water Vapour Sorption (ASTM C 1104)

Water vapour sorption is less than 0.2% by volume and 5% by weight.

Non Combustibility (ASTM E 136)

Non Combustible

Glass Mineral Wool and Mold

Glass mineral wool insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Therefore, carefully inspect any insulation that has been exposed to water. If it shows any sign of mold growth it must be discarded. If the material is wet and does not show any sign of mold growth, it should be dried rapidly and thoroughly.

Caution

Glass mineral wool may cause temporary skin irritation. Wear long-sleeved, loose-fitting clothing, head covering, gloves and eye protection when handling. Wash with soap and warm water after handling and wash work clothes separately. A disposable mask designed for nuisance type dusts should be used where sensitivity to dust and airborne particles may cause irritation to the nose or throat.