



**GYPSEMNA**

**AUDIO-INSUL  
MINERAL FIBER GLASS WOOL  
INSULATION**



## ■ 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.

## ■ BASIC USES

Gypsemna audio-insul is used as an integral part of a Gypsemna partition, ceiling, or wall lining to enhance the sound or thermal insulation of the system. It is also used in conjunction with Gypsemna perforated gypsum board in ceilings or wall linings to enhance the sound absorption performance of the system.

## ■ ADVANTAGES

Audio-insul does not sustain mould growth. However, mould can grow on almost any material when it becomes wet and contaminated. Therefore, insulation exposed to water should be carefully inspected. If any signs of mould 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.

## ■ TECHNICAL DATA

### PHYSICAL PROPERTIES

Nominal thickness 25, 50, 75 and 100mm

Density 12, 16 and 24kg/m<sup>3</sup>

Material Glass fibre reinforced mineral wool

Surface burning characteristics As per ASTM E84, NFPA 255 and UL 723

Non-combustibility ASTM E136

Sizes per roll  
30m x 1.2m  
20m x 1.2m  
15m x 1.2m  
10m x 1.2m

Specification compliance  
ASTM C553 Type I and II  
ASTM C136  
ASTM C612

## ■ CAUTION

Audio-insul may cause temporary skin irritation. When handling, wear long-sleeved, loose-fitting clothing, head covering, gloves and eye protection.