

Stone Wool Core



Category

A2 s1 d0

It is non-combustible and does not produce smoke or flaming droplets or particles during combustion.

Density

100 kg/m³ and 120 kg/m³

Its mechanical strength makes it ideal for structural building materials, as it can withstand external pressures and building loads.

Thermal conductivity (λ)

0,033 W/mK

Its low thermal conductivity provides excellent thermal insulation, reducing heat loss and contributing to the energy efficiency of buildings.

Water vapour diffusion resistance factor (μ): 1

Its low water vapour diffusion resistance ensures low moisture absorption and enhanced resistance to corrosion and wear, making it ideal for humid environments or areas exposed to severe weather conditions.

Sound insulation

Due to its density, it offers excellent acoustic insulation performance.

Durability

It retains its properties over time without deterioration or degradation.

Environmental friendliness

Biosoluble

It does not contain substances hazardous to health, is recyclable, and is manufactured using materials that comply with environmental standards.