

# Perlite B

# 11.7 Mpa / 15cm



## Thermal/sound insulation perlite mix of high resistance

Light weight concrete for filling floors and roofs

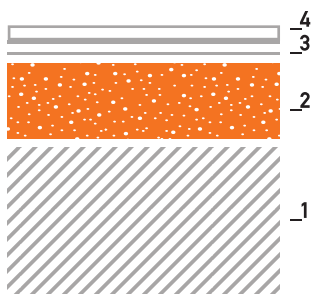
- Cost efficient/High value-added product
- High compression strength (11,7Mpa)
- Thermal/sound insulation
- Exceptionally solid
- Does not create cracks
- Highly resistant to friction
- Improved antiseismic behaviour
- Smooth final surfaces
- Easy to handle/apply

## Applications

Perlite B is mixed with cement and constitutes an **ideal lightweight concrete for substrates of high resistance.**

- Ideal for thermo-sound roof insulation and for filling floors

Application for **10cm** thickness



- 1** Concrete
- 2** Perlite B (10cm)
- 3** Liquid additive for stabilization & water absorbance
- 4** Final surface (ready for gluing tiles, wood, marble, etc)

## Technical Properties

Compression <sup>(1)</sup>	<b>11.70</b> MPa
Dry tap weight <sup>(2)</sup>	<b>810</b> kgs/m <sup>3</sup>
Thermal conductivity $\lambda_{10}$ <sup>(3)</sup>	<b>0.17 - 0.29</b> m <sup>2</sup> hC/kcal
Sound proof	
Lightweight	
Inflammable	
Resistant to fire	
Inorganic	<b>ph &lt; 7,5</b>
Ecological	
Environmentally friendly	
Human friendly	
Testing Sample 15cm X 15cm X 15cm	<sup>(1)</sup> ELOT 196-1 <sup>(2)</sup> ELOT EN933-1 <sup>(3)</sup> NCSR "DEMOKRITOS"

## Packaging

Pallets <b>1,5m<sup>3</sup></b>	30 sacks of <b>50L</b> each
Pallets <b>2,0m<sup>3</sup></b>	40 sacks of <b>50L</b> each