

# BIOGRAN BROWN

## TECHNICAL DATA SHEET



### PHYSICAL CHARACTERISTICS

|           |   |
|-----------|---|
| Material  | Expanded cork granulate for subfloors and cavity blowing. |
| Packaging | Bags of 250 Liters (0,25 mc)                              |

### TECHNICAL CHARACTERISTICS

|                      |  |
|----------------------|--|
| Density              | from 68 to 80 kg/m <sup>3</sup>                      |
| Thermal conductivity | 0,043 W/mk   |
| Granulometry         | 0-2mm; 2-4mm; 2-9mm; 3-5mm; 3-15mm; 4-8mm and 4-10mm |

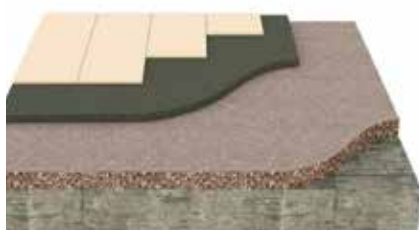
### FEATURES AND BENEFITS

Excellent certified thermal insulation. High breathability to allow water vapor to migrate to the outside of the building without creating interstitial condensation. Excellent durability over time. High resistance to critical conditions that could accidentally occur during the installation work or during the life of the insulation (water, compression, etc.). Guaranteed healthiness during installation, operation and disposal. Simple and quick application, significantly reduces the laying time compared to traditional mixes. Water and gas proof, odourless, rot-proof, non-toxic, resistant to insects and rodents, elastic, pleasant to touch, absolutely dust-free, resistant to wear, electricity and fire.

### APPLICATIONS

To be used for the realization of substrates before the laying of screeds. It allows to obtain a light substrate, with excellent thermal insulation, sound insulation, vibration insulation. Effective insulation/filling of the empty box of wooden floors. Particularly suitable for the insulation of empty cavities (even very narrow ones) by blowing or by gravity. The characteristics remain unchanged over time and the honeycomb structure of the cork guarantees maximum breathability. Completely natural solution, it can be used in bio-architecture and in historical recovery and restoration works.

#### Realizations of subfloors



#### Cavity wall insulation



#### Cavity blowing



### ADDITIONAL INFORMATION

Biogran is a by-product obtained by recycling cork insulation panels. Biogran is obtained from the cutting and sawing operations of the blocks and the grinding of the damaged panels during their production. It is also obtained from panels recovered from the demolition of old buildings.



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