

# HEMP

## Vegetal aggregate

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*Natural product, hemp is a plant with large roots, whose fibers have always been used for the production of canvas, ropes and clothing. Culture does not require any fertilizer and just small amount of water, thus preserving full ecosystem. It combines the natural hydraulic lime for the realization of many works of masonry, with insulating properties.*



### Properties

- Insulating material (good thermal and phonic insulation)
- Thermal strength of the plasters with 5 cm of thickness: R: 0.5m<sup>2</sup>.K/W
- Helps the regulation of the hygrometry and the ionic balance of the air. Hemp reduces the development of micro-organisms and contributes to a better habitability at home. Hemp is a real prevention against allergies and respiratory diseases
- Reversible, hemp-lime mortars can be removed without damage for the adjacent materials
- Lime and hemp used together, as plasters, walls, screeds and roofs, surround our homes and restore in any season needs of heat or cold
- Healthy material
- Insulating material
- Tolerates movements of building as it does not break
- Aesthetic when used in interior finishing coating combined with i.design MONOLYS for example
- At the end of life, lime and hemp as well, are fully recyclable. They can return to simple composting areas and even be used to treat clay soils in gardens or fields

### Uses

- Insulating screeds
- Lightened mortar for roof insulation
- Half timbering/Shuttering/Skeleton construction/pole/beam
- Internal plasters
- Dumping in insulation for lost roof space
- Hemp concrete
- Under roof insulation

### Advice

Always keep the same mixing time of batches to maintain equal strength

### Packaging

Hemp for masonry : bales of 20 kg (21 bales/Pallet)