



In situ casting or buildings with timber frames.

Lightweight Hemcrete.

The walls of a timber structure can be insulated by placing, where it is needed **Tradical® Hemcrete** based on **Tradical® HF + Tradical® HB**. This mix can also be used to surround the wooden structure of a construction, with the timber exposed or not. The product can be applied in new build or for renovation of existing framed structures. The particular advantage of vapour permeability of the Hemcrete, maintains the necessary humidity balance for a long lasting timber structure. The ability of the walls to breathe allows for a self regulation of the humidity within the building in general, often reducing the need for air conditioning. In all cases, Tradical® Hemcrete provides sufficient insulation for the building and no additional material is normally required.

Characteristics

Tradical® HF + Tradical® HB	
Concrete dosed at	220 kg/m ³
Density	330 kg/m ³
Thermal conductivity	$\lambda = 0,09 \text{ W/m.k}$
Compressive strength at 90 days	0,9 Mpa



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