

HEMPANEL PANNELLO IN CANAPA D30

THE NATURAL EVOLUTION OF THE SYSTEM FOR THE THERMAL INSULATION OF WALL LININGS, ATTICS AND ROOFS. Composite system for external and internal thermal insulation of buildings with HEMP fibre panels. Combining innovation with tradition, TCS SYSTEM is the evolution of external thermal, acoustic and energy insulation systems. Highly breathable and completely natural for high living comfort. TCS SYSTEM consists of a 30 kg/m³ mono-density, non-combustible and breathable HEMP fibre insulation panel with a thermal conductivity of 0.038 W/(mK).



- Slag Free
- Chromium-Free
- Restoration
- Breathable
- Resistant
- Cement Free
- Versatile
- Antibacterial
- Anti-Condensing
- Anti-mould
- NHL 5
- Quick
- Light
- Reversible
- Easy
- Green Building
- Pollution Resistant

Features

As Natural Hydraulic Lime is a strong hygroregulator, it manages excess internal and external moisture in a totally natural way and offers high resistance to bacterial growth and mould. TCS SYSTEM ensures total compatibility with the requirements of the Firefighters Guideline for fire safety of facades in civil buildings, being totally mineral and containing no petroleum-derived products.

Fields of Application

With the TCS SYSTEM, the building is able to guarantee excellent water vapour diffusion management, preventing the formation of harmful mould and condensation and ensuring a healthy environment.

Application

For the correct installation of the TCS SYSTEM, the dedicated application manual published by TCS must be strictly adhered to.

Warnings

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place, in the original unopened packaging.
- Consult safety data sheet before using the product.
- The data given correspond to the technical and applicative knowledge in our possession for an appropriate use of the product. We therefore recommend carrying out a prior practical test in order to check the suitability of the product for its intended use and consumption.
- Protect surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and cannot directly intervene on site conditions and the methods of execution of the works, the indications given are to be considered indicative and general, and therefore not binding for the same.
- The company reserves the right to make any changes it deems necessary at any time and without prior notice.
- For further information and practical product demonstrations, please consult our technical service.
- Always refer to the latest versions of the technical data sheets available at www.tcs-srl.it.

Technical Data

PRODUCT TYPE: Hemp fibre panel

THICKNESS from 40 mm to 180 mm

THERMAL CONDUCTIVITY (EN 13162) 0.038 W/mK

SPECIFIC HEAT CAPACITY

REACTION TO FIRE CLASS (DIN 4102) Class B2

DENSITY 30 (kg/m³)

PACKAGING Packages on pallets covered with polyethylene film

STORAGE In the original packaging in a dry place

PANEL DIMENSION 600x1200 mm
