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Bio Tillica is an innovative product made in Italy patented, certified, ecological, made with lime putty and aerogel nanotechnology certified by the international institute ENEA CERTIMAC that can be used in all working sectors: building sector, industry sector, carpentry sector.

Bio Tillica is made with lime putty and aerogel nanotechnology

**IT'S BIO THERMAL PLASTER
IT'S NOT A THERMAL PANEL
IT'S NOT A PAINT**

TILLI **Ca**

in **5mm**
lo stesso isolamento
di un prodotto
tradizionale da
10cm
di spessore

**ISOLARE CON LA NANOTECNOLOGIA.
UN MATERIALE STORICO, LA CALCE, UNITO A TECNOLOGIE AVANZATE
DA VITA AD UN INNOVATIVO PRODOTTO CHE
IN POCHI MILLIMETRI DI SPESSORE
ISOLA IN MODO NATURALE.**

**AEROGEL
NANOTECHNOLOGY
AND LIME PUTTY**
patented and certified from
the space research
to the everyday life

**BIO TILLICA IS
SAFE
INSULATING
BREATHABLE
EASY TO APPLY**
finished standard product
5 MM THICKNESS



EXCLUSIVE COMMERCIAL SALES FOR LOMBARDY, ITALY AND SWITZERLAND:

TECNORAPPRESENTANZE GROUP SRLS

Via Roberto Tremelloni, 5 I - 20128 Milano TEL +39 02 226000221

Info@cappottotermico.net

www.cappottotermico.net

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100% NATURAL PRODUCT
THAT GUARANTEES
A HEALTHY HABITAT
FOR HUMAN BEINGS AND
RESPECTS THE ENVIRONMENT



TILLIca

Bio Tillica paste is ready to use, thermo-insulating and thermo-reflecting with small thickness application (5 mm finished standard product) .

Bio Tillica is made with:

- raw natural material of tradition: lime putty (grassello di calce) without additives matured in according with regulations UNI EN459-1.
- amorphous silica, material patented in 1930 but also even now the material with the best thermal performance in terms of λ .
- innovative technology called nanotechnology which allows high efficiency in relation to the few thickness reduced till 25 times thinnest than thermal insulation with panels Bio Tillica is a new technic patented solution to insulate from warm and cold, using bio Tillica you obtain an optimal internal microclimate, walls are isolated but perspire which allowed to the water vapour to go outside (water vapour is naturally present in a house).

Bio Tillica paste solves defintely in a safe and natural way all the environments



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INSULATE WITH NANOTECHNOLOGY

Lime putty is an ancient material, combined with advanced technologies create an innovative product that with a very thin tickness insulates in a natural way

BENEFITS

HEALTHY

TILLICA is è recyclable, it doesn't produce waste because of its breathing it creates balance between internal and external environment and for the house. It's natural and healthy for environment and for the house. It's made with selected raw materials, thanks to the lime's PH, mould doesn't find the right condition to live and grow so the environment is definitely sanitized in a natural way.

It avoids any allergies as asthma, skin rashes and all the diseases caused by harmful substances for human and environment

The bacterial lime power with insulation and perspiration of the wall eliminates the thermal difference producing an healthy microclimate

TILLICA is totally fire-resistant (class A1), noise-absorbing, free from V.O.C.

TILLICA is not toxic for workers and environment

EASY TO APPLY

TILLICA is put up in 12 kg bags easy to transport and storage. The product doesn't produce waste so there isn't wast-disposal cost Any unused product "surplus" could be used for a long time because it's made with lime that means it's not a putrescibles product. It is perfectly preserved in its bag for many years keeping unchanged its technical features during time.

TILLICA, compared to other thermal insulation system with panels, solves the problem of panels" junctures" because it's fixed as a paste uniform and homogeneous on the wall and on all the horizontal and vertical surface to insulate.

ENERGY AND COST SAVING-GREEN ECONOMY

TILLICA paste can be applied inside or outside the building depends on structural need. It's the technical and architectural solution in historical town center for architectural constraint building. TILLICA is 5mm thickness (finished product applied) and solves any crucial point around windows (wall frame). Thanks to his thickness TILLICA is the solution also for internal use because it eliminates the scaffold, permits cost to fix the scaffold, scaffold alarm costs. It also solves the problem of the loft roof fixing directly the product on the roof. TILLICA solves the problem of condos improving energy efficiency, a big problem for condos administrators for the complex relationship with residents. Tilla solves this problem because it can be used inside every single apartment in the respect of current technical certification and current tax deduction without cause inconvenience between residents that decide separately when realize the thermal coast in the single apartement. TILLICA increases the commercial surface of the single apartement because it hasn't the loading cauge of the standard insulation panels. It's reflectance and transmittance saves heating and cooling costs. TILLICA doesn't overhrats during summer, it's fire-resistant to very high temperatures.

TILLICA protocol is composed by:

BIO FIXATIVE ANTIBACTERIAL

TILLICA PASTE

EXTERNAL OR INTERNAL FINISHING PLASTER

It's possible choose different luxury finishing like "stucco veneziano" (venetian stucco) and other finishing internal and external RAL colors

CONTACT US! WE'RE HERE FOR YOU!

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