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DAKOTHERM

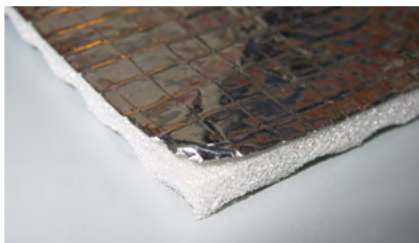


*The efficient insulation complement!
Gets placed under the rafters*

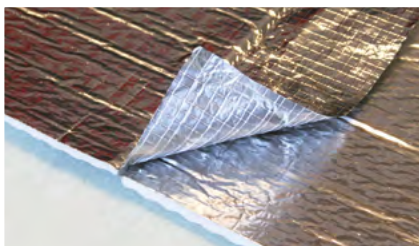
Vapour-barrier

insulating & reflecting

Pyramidal structure



Flat & sealed overlaps



Delivered in rolls



Reflects heat



Avoids condensation



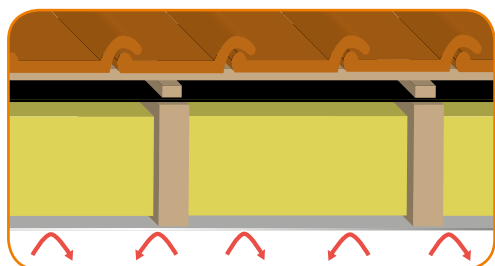
Improves the insulation
disables the air flow



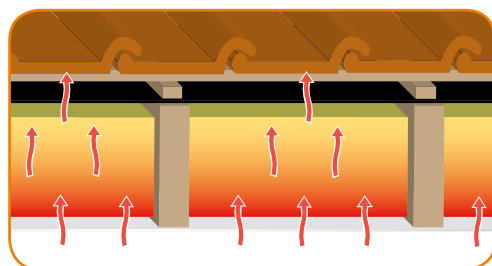
Protects the roofing
of inside vapour damp

DakoTherm

The efficient insulation complement!



DakoTherm in the winter



Traditional vapour-barrier in the winter

Reflecting and damp proof vapour-barrier, DakoTherm helps with the building insulation. It's based on, a physically reticulated polyolefin foam with a pyramidal structure associated to a pure aluminium layer reinforced by meshed fiberglass. It comes with an exclusive covering system perfectly flat and airtight. DakoTherm gets placed under the rafters as a fibered insulator complement.

Advantages

- ✓ Blocks air exchange*
- ✓ Decrease condensation risks
- ✓ Damproof
- ✓ Reflects heat in winter time
- ✓ Protects the fiber insulation
- ✓ Absence of thermal bridges
- ✓ Improves thermal insulation
- ✓ Flat and sealed overlaps
- ✓ Easy and accurate to cut
- ✓ Lightweight and easy to place
- ✓ Pyramidal structure
- ✓ Aluminium tape provided

Fonctions

- ✓ **Hermetic to damp** in order to protect the fiber insulation from the inside moisture. The insulator stays dry, which enhances its efficiency and its lifespan, as well as keeping a proper roofing.
- ✓ **Prevents condensation coming** from the association of warm inside air and cold air outside.
- ✓ **Prevents warm air exchange with outside**, thanks to the perfectly sealed overlaps. As a result of this, you get significant energy savings
- ✓ **Improves insulation** through a high quality foam with a low conduction value.
- ✓ **Enhances comfort in the attic.** DakoTherm reflects heat towards the inside during winter time in order to obtain, and maintain, quickly the required temperature level. Thanks to DakoTherm, your house will be chiller during summer time (reduce the air conditioning use).

* Several studies conducted by the CSTC presented airtightness as an essential complement to the thermal insulation of a building! (CSTC Contact n°13 - 03/2007)



Implementation - Laying under rafters

Unroll DakoTherm horizontally beginning with the upper part of the roof • **Staple** and fix it under the rafters • Renew the operation using the 7 cm aluminium edge for a tile typed assembly • **Seal the overlaps** by using the provided aluminium tape • Secure the brackets on the rafters before putting the potential finish panels.

Technical specifications

Thickness	± 6 mm
Polyolefin wideness	± 1 m
Aluminium wideness	± 1,15 m
Roll length	10 or 30 m
Weight	± 270 g/m ²
Tightness to air and to water	100 %
Aluminium reflexion	more than 94 %
Foam conductivity	± 0.034 W/mK
Mechanical resistance	± 8 kN/m
Operating temperature	-80° to +100°C
Provided aluminium tape	45 m x 7,5 cm

* The information provided are the result of studies and experience. They are communicated in good faith but may not under any circumstances constitute a guarantee on our part, nor engage our liability. We are not responsible for the installation of the product. Edition 03/2014

insulco
Technical products

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