

Create a Great Climate with AGEPAN THD

The new THD delivers complete benefits for new construction, remodelling and renovation projects.

- Healthy living
- Perfect indoor climate
- Reduced heating costs
- Fast construction
- Weather protection
- Noise abatement

■ AGEPAN THD: ideal as additional over-rafter insulation



Good Things Come from Above

Guaranteed with AGEPAN THD

Everyone who lives in a house wants to enjoy a uniform indoor climate. There is a great need for effective protection from the heat during the summer and low heating costs in the wintertime.

Due to the considerable temperature fluctuations that characterise our climate, the roof – the single most important element of your house – has to endure many variations. It protects you and your family from the wind, moisture, cold and heat. The roof also plays a crucial role in creating a pleasant, healthy indoor climate. You should therefore rely on a modern, high-performance insulating material: the wood-fibre insulating board AGEPAN THD.



■ AGEPAN THD

The Intelligent, Environmentally-Friendly Material

THD insulating board is made from wood fibre using the dry process. AGEPAN THD has been created specifically for outer surfacing on roofs and walls in new, remodelled and renovated buildings. This technologically mature, certified branded product ensures good dispersion of water vapour while avoiding the use of chemical wood preservatives.

AGEPAN THD boards are bonded with PUR and contain no formaldehyde, which makes them just as safe as natural wood. Constant checks ensure consistently high quality; the boards are officially monitored as a standardised building material and have also been certified as a high-quality, environmentally sound product by the natureplus International Association for Sustainable Building and Living (www.natureplus.org).





■ A Feel-Good Climate with AGEPAN THD

Reliable Protection from Cold, Heat and Noise

The innovative wood-fibre insulating material AGEPAN THD lets you create your own personal feel-good climate — even immediately underneath the roof. This new generation of insulating materials consistently keeps out cold, heat and noise.

Conventional insulating materials often afford inadequate protection from the heat during the summer months. By using AGEPAN THD as thermally insulating outer surfacing in conjunction with appropriate shade, you can reduce the indoor temperature by up to five degrees Celsius (nine degrees Fahrenheit) when the windows and doors are shut. Especially for bedrooms, this “natural climate system” will markedly improve the quality of your life. Even when it’s snowing or windstorms are raging outside, AGEPAN THD keeps the cold out and your house warm. Substantially reduced heating costs are an added benefit.

Exterior surfacing with AGEPAN also insulates your house against noise. Especially in the high-frequency range, you hardly notice your neighbours — and they hear nothing of you, either.

AGEPAN THD is also ideal for thermal insulation and noise protection in floors. When extending roofs and upgrading your house, you can benefit enormously by installing pressure-resistant AGEPAN THD as the screed insulation. You’ll be persuaded by its versatility, which lets you use it in floors of many kinds, from tiles to planks.

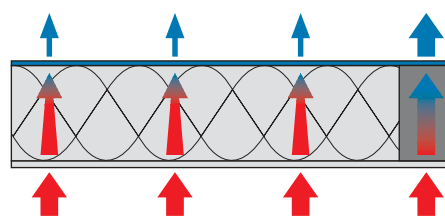


■ An End to Cold Bridges

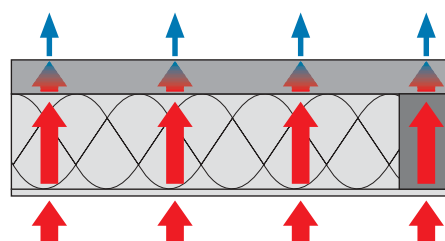
AGEPAN THD Reliably Separates Cold and Heat

The principal drawback of conventional between-rafter insulation is that it causes thermal bridging: the uninsulated wooden rafters conduct indoor heat to the outside. You can improve insulation by up to 20 percent by applying an evenly thermally insulating outer surfacing consisting of AGEPAN THD.

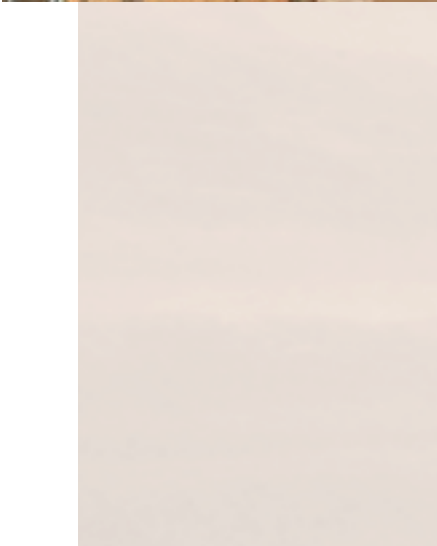
This will greatly cut down on heat consumption during the cold months of the year.



■ Heat loss in roofs without AGEPAN THD.



■ Reduced heat loss in roofs with AGEPAN THD.



Architekt Heyer & Partner, Koblenz

■ AGEPAN Building by Design

Building with Wood: the Wave of the Future

The use of solid wood is making it simpler and cheaper to personalise the architecture of houses. It speeds construction, and saves you both investment costs and interest payments. Due to the ease of prefabrication, wooden houses permit attractive, unconventional solutions, and with the AGEPAN building system it is easy to build upwards to gain additional living space. Wood is an ideal building material for all year round – it permits attractive designs and wellbeing in harmony with nature.

As a component of the AGEPAN building system, AGEPAN THD offers all the advantages of an efficient, innovative wood-based material. Our model homes are proof of the time and cost savings achievable by precisely prefabricating sections.

To learn more, visit us on the Internet at www.agepan-thd.de; where you will find detailed documentation. Your dealer or our application department will be happy to advise you on your personal AGEPAN THD project.

■ Your dealer: