

# ClimateCoating ThermoVital ABC



## Reflective membrane technology

The water-based ClimateCoating ThermoVital effectively eliminates excess moisture indoors. It prevents condensation, eliminating the risk of mold and the associated musty odor.

ThermoVital also ensures a more efficient cooling system, lowering your electricity bill.

The GREENGUARD GOLD-certified ThermoVital is ultra-thin, robust, and elastic, and available in a wide range of colors. ThermoVital is easy to spray and has a very matte finish.



## Prevent condensation and mold

An air conditioner cools the building from the inside out. High relative humidity (moist air from outside or moisture production indoors) causes condensation to form on the cold walls and ceilings. This can lead to mold growth.

However, when these surfaces are treated with ThermoVital, an enlarged ceramic surface is created containing numerous, minuscule, hollow pores (micro-capillaries). This makes the cold walls and ceilings feel cooler, reducing the risk of condensation.

The membrane technology ensures that excess water vapor is temporarily stored in these pores, up to a maximum of 92 ml/m<sup>2</sup>; droplets on the surface no longer form. This eliminates the breeding ground for mold.

## No admission number required

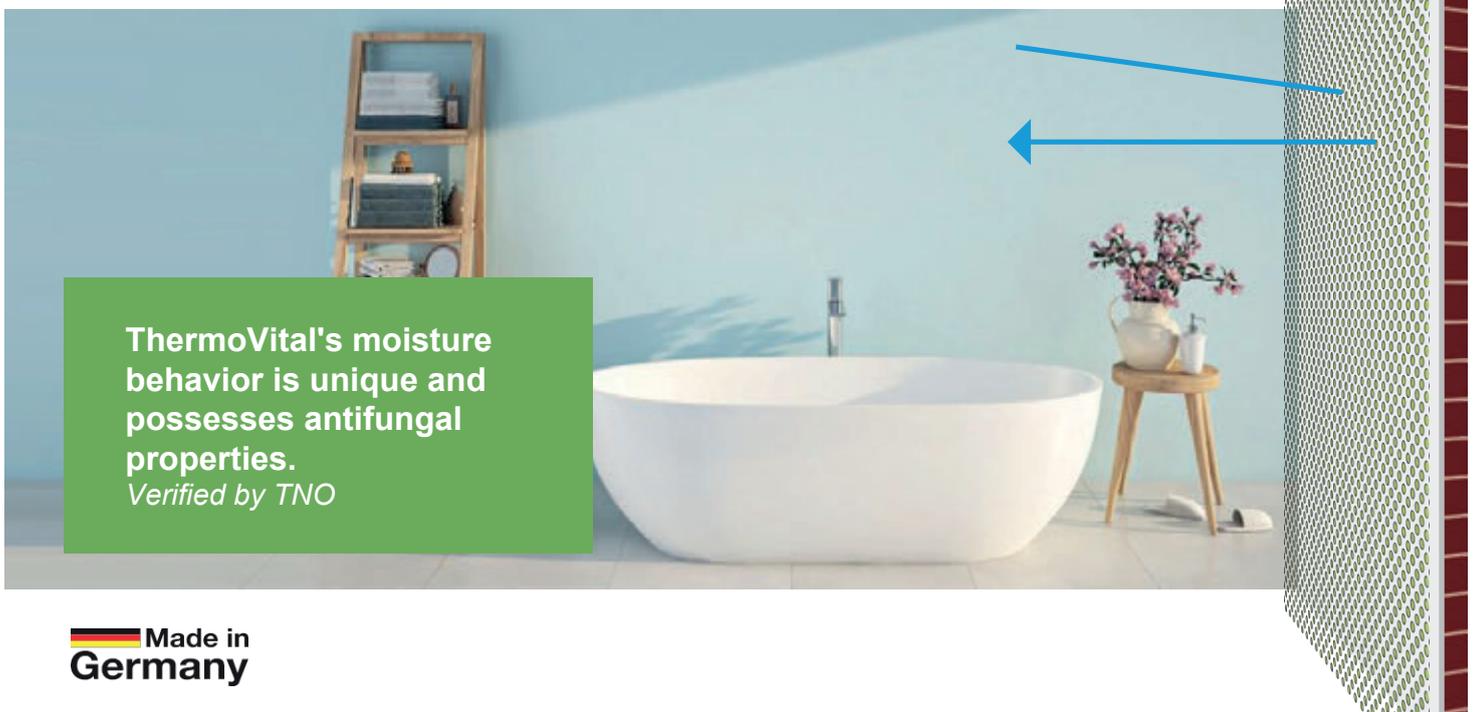
ThermoVital has a physical, moisture-regulating effect, not due to any supposed chemical components. This makes ThermoVital exempt from official approval numbers.

When humidity drops, for example, when the air conditioning dehumidifies the interior, ThermoVital releases the water vapor back into the environment, and the buffer is emptied.

## More efficient air conditioning, lower electricity costs

The special ceramic components in ThermoVital ensure infrared reflection: a significant portion of the cold air is reflected back into the interior, making the air conditioning more efficient. In other words: the desired interior temperature is realized more quickly. This significantly reduces cooling and electricity costs.

An added benefit is that the walls and ceilings are not excessively cooled, which causes condensation problems.



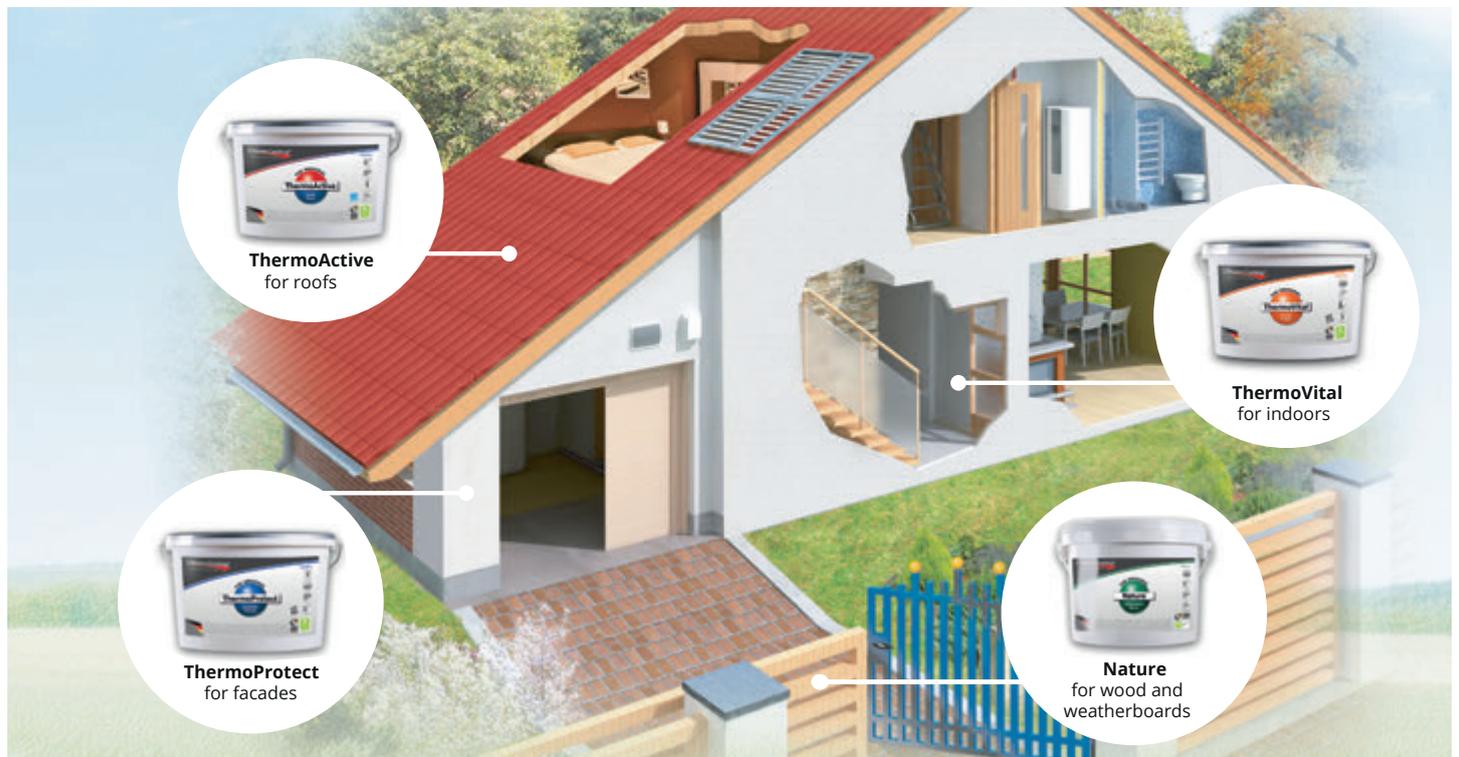
**ThermoVital's moisture behavior is unique and possesses antifungal properties.**

*Verified by TNO*

 **Made in Germany**

## The application areas of ClimateCoating

The range is compact and yet complete.



### Easy to apply

ThermoVital is easy to use. The product's texture is so fine that it looks like any other wall paint. It can be applied with a roller or, for professionals, with a paint sprayer (airless or airmix); thanks to the low application pressure, virtually no overspray is created. If mold is present, it must first be completely removed.

ThermoVital is suitable for almost all surfaces, such as stone, plaster, wood, plastic, wallpaper, etc., for indoor applications. The ceramic filter provides excellent coverage and dries quickly.

ThermoVital does not accumulate static electricity. This minimizes nicotine and dirt deposits, and any remaining dirt can be easily removed with lukewarm water and, if necessary, a little soap. Allergy sufferers can use ThermoVital without any problems, as it contains no plasticizers and virtually no solvents; therefore, no harmful fumes are released. In fact, ThermoVital improves the indoor climate, which will only benefit allergy sufferers.

The theoretical consumption of ThermoVital is 0.33 liters per m<sup>2</sup>. To maximize the product's unique properties, this amount should be maintained (two rolls or sprayed at once).



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Reflective Membrane Technology