

**Thermoluxx**®  
das original extérieur



Energy efficiency starts with thermal insulation!

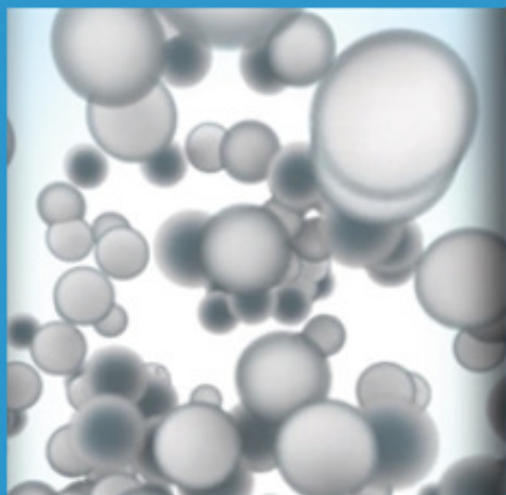
**Thermoluxx Swiss AG**



[www.thermoluxx-swiss.com](http://www.thermoluxx-swiss.com)

## About us

We are a young Swiss company that works with technologically advanced and environmentally friendly insulation products. We don't just sell - we develop our products. We always make sure that our products meet the highest ecological standards. Our most frequent field of application is the external and internal thermal insulation of buildings as well as corrosion and thermal protection of industrial plants, heat and cold conducting pipelines.



## Did you know

Thermal insulation on buildings pays off! Up to 30% of the energy is lost almost unused via the roof, facade and basement of an inadequately or even uninsulated house - an unnecessarily expensive pleasure!



## What is Thermoluxx?

The original Thermoluxx product is a thermal liquid insulation based on nanotechnology. A further development of a technology that was developed for space travel, in particular to reliably counteract the heat development of space shuttles when re-entering the earth's atmosphere. A lot has happened in the meantime. In addition to our original, the thermal liquid insulation, we are in the final phase of developing new and unique products. In the next months, after successful and certified tests, we will bring the newest and most interesting products to the market.

- Transparent thermal insulation for glass
- Heat resistant coating (heat resistant up to 650°C)
- Thermal insulation mats (standard thickness 10mm)

Thermoluxx products are ecological water-based products and can be used on practically all load-bearing substrates. Thermoluxx is a multi-tested and certified product in continuous development. We always strive to develop highly efficient and environmentally friendly products. Have we aroused your interest? Please also visit our website for further information: [www.thermoluxx-swiss.com](http://www.thermoluxx-swiss.com)

Or contact us at: [office@thermoluxx.com](mailto:office@thermoluxx.com)



## An investment can also be profitable



### Building exterior insulation

Up to 30% of the energy is lost almost unused via the roof, facade and cellar of an inadequately or even uninsulated house - an unnecessarily expensive pleasure! Thermoluxx thermal insulation immediately helps to significantly reduce energy consumption and will pay off in the next heating bill!



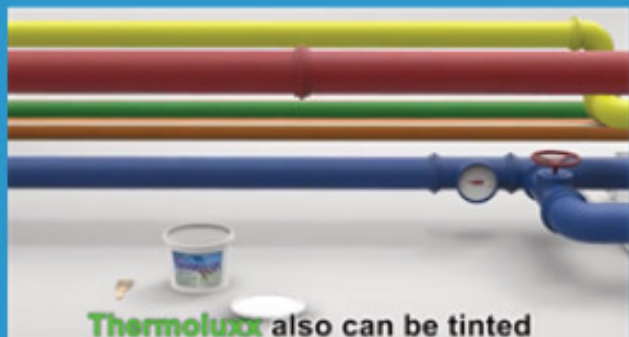
### Corrosion protection of industrial plants and tank farms

It is well known that most metals react chemically to moisture and oxygen. Some metals, such as iron, corrode and form rust over time. Protect your equipment from corrosion by sealing it with Thermoluxx. Especially with industrial plants costly damages can occur which lead to a high loss of value. Apart from the loss in value, advanced corrosion also harbours sources of danger.



### Building interior insulation

Thermoluxx is available as a surface-active interior wall coating, which differs significantly from conventional paints in its positive effect on room climate and energy savings. The interaction of the approx. 50% ceramic hollow spheres and a binder, including so-called "activators", results in a thermoceramic membrane with a microporous system that changes its properties according to external influences and has a positive effect on the moisture and heat management of buildings. Thermoluxx also reduces the risk of mould attack without fungicides and is therefore particularly suitable for allergy sufferers and asthmatics.



### By the way

All our thermal liquid insulations can also be coloured according to your wishes.

## Properties of Thermoluxx

The interplay of millions of tiny ceramic hollow spheres with a swellable binding agent makes it possible for the first time to create a coating substance that protects the underlying substance from heat, cold and moisture all year round in any room climate and in any weather and weather conditions.

In addition to its efficient insulating and moisture-regulating properties, Thermoluxx coatings also offer effective and reliable protection against corrosion and UV radiation.

Thermoluxx coatings can also be used for extreme areas such as insulation against heat radiation from heating pipes or against cold radiation from cooling pipes.

Thermoluxx's 2mm thermal liquid insulation already meets the high requirements of modern insulation. Thermoluxx coatings can be applied to surfaces of almost any shape and composition such as concrete, metal, ceramics, wood and plastic with a brush, roller or spray nozzle.



## About the product

Thermoluxx Premium: 16 litre bucket size

Thermoluxx Ultra: Bucket sizes of 5 & 16 litres

Storage temperature: between 5 and 20°C

Shelf life: up to 12 months

Delivery time: 3 to 10 days (depending on order quantity)

Basic colour white, colourable



## Application Tips

### Surface preparation

The surfaces to be treated should first be cleaned and degreased and freed from corrosion. Before using Thermoluxx we recommend to apply a commercial primer, on galvanized surfaces a primer is strictly recommended!

### Preparation of thermal liquid insulation

After opening the bucket, the thermal liquid insulation of Thermoluxx should be mixed well with a standard paint mixer (approx. 100 to 150 rpm). If the material has viscous properties, it can be diluted with up to 2% water to the total amount and mixed.

### Application of thermal liquid insulation

Now the application of the thermal liquid insulation of Thermoluxx can be started. Make sure that the substance to be coated is completely dry. The thermal liquid insulation is applied with a brush, roller or spray nozzle in 2, 3 or more layers, depending on the circumstances and the application area. Allow the applied layers to dry for 6 hours before starting to apply the next layer. The time to complete drying is 24 hours.

For 1 m<sup>2</sup> and an application thickness of 2mm, the 1 to 1.5 litres of thermal liquid insulation required

## Thermoluxx Swiss AG

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Would you like an individual consultation?

Then please contact us:  
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