

Reflective Membrane Technology

The secret lies in the specially developed glass ceramic hollow bodies, which enclose a vacuum. We have combined these tiny spheres with an extremely adhesive, specially developed dispersion and selected activators. After application, the coating forms a so-called reflective membrane.

The effect and the advantages of the coating are based on these processes of building physics: Reflection, directed evaporation and anti-electrostatic. The extraordinary material resistance makes the coatings robust, adaptable and very durable.

Long-life protection • Prolonged intervals between renovations • Comfort and well-being • Energy saving • Lower cost for air conditioning of the building • Environmental friendliness

Benefits

Areas of application

Facades, roofs, interiors, wooden components as well as containers and tanks are the classic fields of application for *ClimateCoating®* products. Whether in the cool north, the hot south or the humid east, the physical active principles of the coatings play their trump cards in almost every climate zone.

YouTube: [ClimateCoating](#) www.climatecoating.com

ClimateCoating®

Reflective Membrane Technology

Intelligent coatings with added value. For buildings, interiors and industrial applications.

- ThermoActive**: Reflective roof coating with excellent cooling performance
- ThermoProtect**: Long-lasting facade protection with energy-saving property
- ThermoPlus**: Ideal room climate and wide range of colours
- ThermoVital - Inside Coating**: Innovative protection against mould
- Sanosil S003 / Sanosil S010**: Surface and aerosol disinfection/ Mould prevention
- FixPlus - Primer**: Primer concentrate to adjust the absorbency of mineral substrates
- GlossPlus - Finish**: Clear and glossy protective coating with UV blocker
- StuccoPrimer**: Ready-to-use adhesion agent for StuccoTex
- StuccoTex - Light plaster**: Lightweight structural plaster that reduces thermal stresses
- IndustrySpecial**: Versatile coating in industry
- ZincPrimer**: Ready-to-use adhesion agent for non-ferrous metals
- History - Monument**: Value-preserving facade protection with gentle dehumidification
- PU SAFE**: Efficient protective coating for PU-foam
- Nature - Wood Protection**: Coloured and weather-resistant wood protection
- Lumen - Inside Coating**: Excellent light reflection
- RustPrimer**: Ready-to-use anticorrosion primer for ferrous metals

climatecoating.com

ThermoPlus

Ideal room climate and wide range of colours

Projekt Moonflower, Italy.

In addition to a huge range of colours, *ThermoPlus* offers properties that **regulate the indoor climate and improve living comfort**. This has a positive effect on temperature and humidity. The interior wall paint *ThermoPlus* leaves nothing to be desired for creative colour design and also scores points for its environmental and health compatibility.

Better heat distribution and indoor climate for living comfort in every season – thank to specially developed vacuumized glass ceramic spheres.

Highlights of ThermoPlus:

- creates a pleasant indoor climate at any time of the year
- dirt and nicotine repellent
- Extends renovation intervals
- helps to save energy
- very large colour variety
- water-based, easy to apply

High-quality raw materials and pigments. Excellent lightfastness. No fading, yellowing or chalking.

The walls in the hallway and living room, in the office or in the restaurant remain radiantly beautiful for a very long time.

Get in touch for advice. www.climatecoating.com/en/products/thermoplus

Lumen

Excellent light reflection

Ideal for offices, schools, museums and underground garages, subways, factory halls.

Lumen is the light amplifier for indoors. The highly effective coating ensures a better brightness balance and a stronger light output in rooms, even with dark shades. The acoustics are positively influenced.

Light amplifier for indoor

Independent research shows that the actual measured diffuse reflectance value of lumens at each shade is significantly higher than the standard values used in professional lighting calculation programs, such as Dialux. Millions of tiny glass ceramic hollow spheres improve the diffuse reflectance from 6% for white and up to 420% for black. Architects and designers can now also use dark shades and nuances more creatively. *Lumen* literally adds light and colour to contemporary interiors.

Rd-values: Theory	RAL 9010: 0.86	RAL 4008: 0.14	RAL 3020: 0.14	RAL 9004: 0.05
Rd-values: Practical test with Lumen	RAL 9010: 0.91	RAL 4008: 0.39	RAL 3020: 0.46	RAL 9004: 0.26
	+6%	+179%	+229%	+420%

In April 2016, the Dutch company Meutzner Light Vision carried out several measurements regarding diffuse reflection values (Rd), inter alia the light spectrum.

Highlights of Lumen:

- better brightness balance in the room, even with dark colours
- diffuse light reflection

Take a look at the online product brochure at www.climatecoating.com/en/products/lumen

ThermoVital

Innovative protection against mould

Dry, mould-free walls support room hygiene.

No chance for mould! *ThermoVital* is the physically effective long-term protection that ensures room hygiene and healthy living. Whether for rooms with increased humidity such as bathrooms, kitchens and cellars or for production and storage halls, for example in the food industry, *ThermoVital* provides long-term protection against the formation of mould on walls. The special paint regulates humidity and reduces the negative effects of thermal bridges.

Physical effect – great benefit

The unique dispersion physically promotes the drying of the walls to the building equilibrium humidity and regulates the humidity in the room. You can find out how this works on our website.

Highlights of ThermoVital:

- prevention on a physical basis
- improves the room hygiene and the room climate
- long-term effective
- reduces negative effects of thermal bridges
- free from fungicides
- harmless to health

1,2,3 ...mould free – The systematic mould removal

The Systematic mould removal succeeds in three steps and with the additional products for the removal of mould and mould spores.

Read more about the systematic mould removal: www.climatecoating.com/en/products/thermovital

SICC Coatings GmbH from Berlin is the leading specialist supplier of climate-active coatings with the longest experience in all climate zones and application areas. The functional coatings are based on the reflective membrane technology. For the energy-saving effect of the technology, SICC Coatings was awarded the „German Innovation Award“ in 2018 as well as the „Energy Efficiency Award“ in Singapore, among others. SICC Coatings is certified in quality and environmental management according to DIN EN ISO 9001:2015 and 14001:2015.

We help you when it comes to coatings.

▲ Authorised distributors

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Clever colour coating

Intelligent functional coatings with added value

GERMAN INNOVATION AWARD 18 WINNER

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