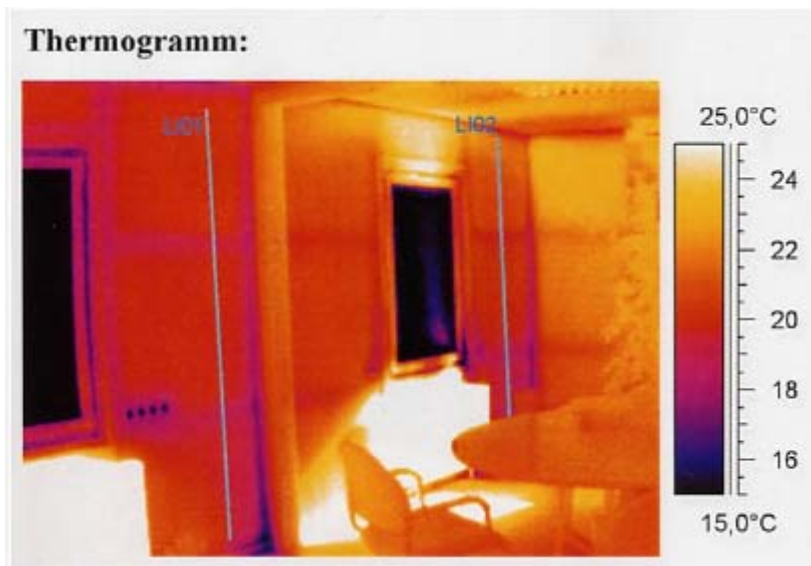
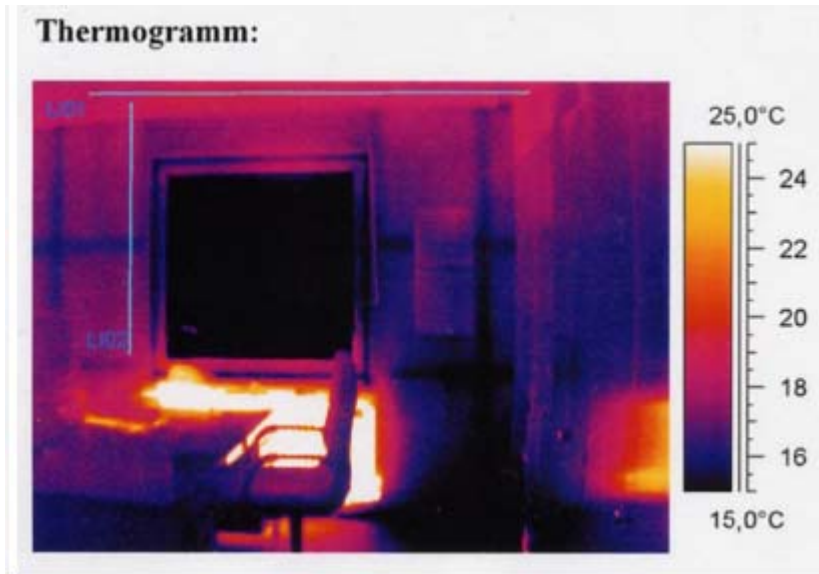


Paint you can feel ! Sustainable new coating technology from Nanovations.

Nanovations Pty Ltd based in Sydney, Australia introduces Bioni Comfort, an interior wall coating with properties one can actually feel. With a special combination of binders and fillers which incorporate millions of microscopically small hollow glass spheres, Bioni Comfort is able to ensure that the temperature in a room and on its surfaces is distributed more evenly. The room climate and the degree of thermal comfort are thus noticeably improved. This is an effect that can be felt, as it directly affects the perceived temperature.



Infrared thermal images: the room on the top has been painted with a conventional paint;
In the second image the room has been painted with Bioni Comfort

Bioni Comfort creates comfortable room conditions by eliminating thermal bridges and cold and hot spots.

Nanovations Bioni Comfort can be used to replace any conventional interior wall paint. And unlike other paints, the energy efficiency of Bioni Comfort will pay for itself through more resourceful use of heating and cooling.

A suitable physical climate is needed to feel comfortable and to be efficient at work. The environment feels comfortable when one is barely aware of the climatic conditions. It is only when the air or surface temperature decreases or increases beyond the comfort limits that one become aware of discomfort.

A comfortable room climate exists when the air and surface temperatures are equal and are between 20-22°C. The more equal the temperature between walls and the air are, the higher will be the degree of thermal comfort and the consequent potential energy savings. Bioni Comfort is able to ensure that the heat and coolness in a room and on its surfaces is more evenly distributed.

Long term energy savings and better workplace conditions can be archived.

Bioni Comfort not only controls room temperature, but also improves indoor air quality. Bioni Comfort comes with a zero VOC level. In addition, the coating is non-flammable (building material class A2 according to DIN 4102-1) thus providing a unique supplementary safety feature.

Advantages and Benefits

- Regulates the room climate (heat & humidity)
- Prevention of thermal bridges and hot spots
- the room climate is noticeably improved
- None-flammable (building material class A2 according to DIN 4102-1)
- Free of solvents, softeners and plasticizers
- Superior wet abrasion resistance ,class 2 according to DIN EN 13300
- free of solvents, and coating preservatives
- zero VOC
- superior wash ability
- excellent flow and very good hiding
- very good adhesion
- environmentally friendly

Nanovations Pty Ltd, is a solution provider for the latest product developments with new unseen properties, better durability and the best environmental performance available.