

## Bioni CS | Interior Coatings

### **Bioni Comfort**

**Interior coating with multifunctional properties that noticeably improves the room climate**

Thanks to its special combination of binders and fillers which incorporate millions of silicate lightweight fillers (microscopically small hollow glass spheres) Bioni Comfort is able to ensure that the heat in a room and on its surfaces is more evenly distributed. The room climate and the degree of thermal comfort are thus noticeably improved. This is an effect that can actually be felt, as it directly affects the perceived temperature.

In addition to the positive effect that Bioni Comfort has on the comfort in a room, it also possesses a number of outstanding multifunctional properties. The coating is not only vapour permeable, free of solvents and non-flammable, but it is also extremely robust, washable, almost odourless and has an excellent flow and hiding.



### **Benefits**

- actually regulates the heat in a room
- improves the degree of thermal comfort (potential energy savings)
- improves the room climate noticeably

**PROOFED  
QUALITY**



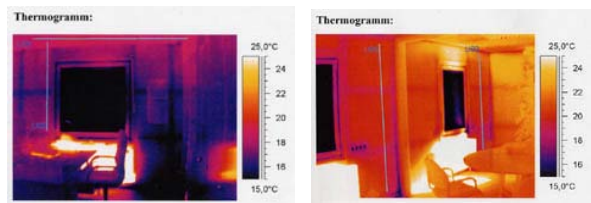
## Thermal Degree of Comfort

A person spends over 80% of his or her life inside buildings, whether at home or at the workplace. The way we subjectively judge whether a room is comfortable or not depends upon our feelings with regard to the room climate. Temperature, humidity as well as air movements are the most important external factors which influence our judgement. They will determine whether we feel uncomfortable or judge the room to be comfortable and pleasant.

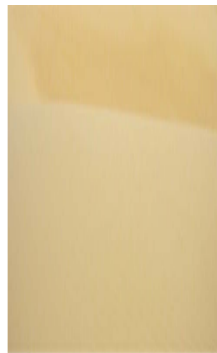
The degree of thermal comfort in a room plays a particularly important role in whether we feel comfortable. It is primarily determined by the air temperature as well as the surface temperature of the elements which define the room: the walls, ceiling, floor and windows. But it also influences the amount of energy expended on heating. The temperature that a person perceives is the average of the air temperature and the temperatures of the surfaces which surround him. So the warmer the surfaces of the walls and ceiling are the higher will be the degree of thermal comfort and the consequent potential energy savings.

## Bioni Comfort - makes a difference, that you can feel

The specially developed combination of binders and fillers incorporated in Bioni Comfort with its millions of microscopically small hollow glass spheres ensures that the heat is more evenly distributed both throughout the room and over the surfaces making it up. At the same time this formula ensures that moisture in the form of water vapour is able to migrate from the interior of the room to the outside.



*Infrared thermal images:  
left room: painted with a conventional paint;  
right room: painted with Bioni Comfort*



## Properties

- permeable to water vapour  
(class A2 according to DIN 4102-1)
- non-flammable  
(class 2 according to DIN EN 13300 )
- excellent washability  
(class 2 according to DIN EN 13300 )
- superior flow and hiding  
(class 2 according to DIN EN 13300 )
- free of solvents and softeners
- environmentally friendly

## Recommended Use

Bioni Comfort is used where high demands are placed on quality, room climate and a feeling of cosiness, for instance in living rooms, bedrooms, children's rooms, hotels & Spa, restaurants, etc.

<b>Packaging:</b>	10.0 lt. pail.
<b>Finish:</b>	matt
<b>Spreading Rate:</b>	approx. 290-350 ml / m <sup>2</sup> (2 coats)
<b>Colour:</b>	white
<b>Mixing service:</b>	yes

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