

# Technical Data Sheet

## Bioni Comfort

Interior coating with multifunctional properties that noticeably improves the room climate

### Product

#### Product Description:

Bioni Comfort is a multifunctional, superior quality, pure acrylic based interior paint that actually regulates the temperature in a room and noticeably improves the room climate and degree of thermal comfort.

#### Features and Benefits:

Superior quality, pure acrylic based interior paint with millions of microscopically small hollow glass spheres and multifunctional properties:

- actually regulates the temperature in a room
- improves the degree of thermal comfort
- improves the room climate noticeably
- potential energy savings
- non-toxic (environmentally friendly)
- permeable to water vapour
- non-flammable
- (class A2 according to DIN 4102-1)
- excellent wet wash resistance (class 2 according to DIN EN 13300)
- superior flow and cover properties (class 2 according to DIN EN 13300)
- free of solvents and softeners
- almost odourless

#### Technical Information:

**Form:** liquid

**Colour:** white

**Finish:** matt

**Solids (% by Volume):** approx. 58%

**Thinner:** water

**Binding Agent:** Pure Acrylic

**Viscosity:** ready to use

**pH:** approx. 9

**Density:** approx. 1.15g/cm<sup>3</sup>

**Packaging:**

10.0 lt. drum

### Recommended Use

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

### Application

#### Area of Application:

For internal use on old and new plastered walls, ceilings, render, block wall, masonry, gyp-sum and fibre cement boards, concrete, wallpapers and vapour permeable, undamaged paints.

#### Application Methods:

Can be applied by brush, Paint roller or sprayed using suitable equipment. Mix thoroughly before use.

#### Surface Preparation:

The surface must be fully cured, clean, dry and free of dirt, contaminants and release agents. For preparing cement based substrates refer to ASTM D-4258 and ASTM D-4261. Apply 1 coat Bioni Grip as a primer on new surfaces.

#### Typical recommended coating System:

- 1 coat Bioni Grip (if the surface needs to be prepared before painting)
- 2 coats Bioni Comfort.

#### Coverage rate:

2.8-3.5 m<sup>2</sup>/l (with 2 coats). This is equivalent to approx. 145-175 ml/m<sup>2</sup> for one coat and approx. 290-350 ml/m<sup>2</sup> for two coats. Coverage rates are a guideline only and depend on the substrate and texture.

#### Mixing:

Single pack. Ready to use. Dilution is not recommended. The characteristics of the product can be affected if mixed with other substances.

#### Conditions during application:

During application and drying, the temperature should not drop below +5°C.

#### Curing / Drying:

Dries within 12 hours under normal conditions (20°C, 50% relative humidity). The drying time varies with the temperature / humidity and surface conditions.

#### Storage:

It is important to reseal containers tightly after use. Store in a cool, dry place and protect from heat, freezing and direct sunlight. The product must be stored in accordance with national regulations.

#### Clean Up:

Clean tools and hands immediately after use with soap and water.

### Disposal

Do not allow to enter drains or watercourses. Handle disposal of waste material in manner which complies to local, state, province and federal laws and regulations.

### Health and Safety

Do not take internally. Keep out of reach of children. Avoid contact with eyes. Wash hands after using. Keep container closed when not in use. In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. Consult the Material Safety Data Sheet for further health and safety information.

The information in this Technical Data Sheet is given to the best of our knowledge based on practical experience and laboratory testing. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.

