

# BIONI® HYGIENIC PRO

Antiviral & antibacterial interior paint for hygiene sensitive and high-traffic public areas



- eliminates >99.9% CORONA VIRUSES\*
- reduces >99.99% Bacteria (MRSA)\*\*
- low VOC and zero odour



### Description

BIONI HYGIENIC® PRO is a specially formulated antiviral and antibacterial, pure acrylic interior coating for hygiene sensitive and high traffic, public areas.

### Recommended Use

Thanks to their outstanding antiviral and antibacterial properties, as well as indoor air hygiene advantages, BIONI® HYGIENIC PRO interior paint is suitable for all areas in which hygiene is particularly important and many, above all sensitive people, encounter each other for a lengthy period and with little social distancing, for example schools and universities, kindergartens and day care centres, hospitals and clinics, retirement and care homes, food and drinks industry, hotels, catering, sports and leisure facilities and open plan offices.

### Technical Data

BAuA:	Reg. No. N-101539
Product code:	M-DF01
Form:	liquid/pasty
Colour:	white
Finish:	matte
Solids (volume):	approx. 58%
Binding agent:	Pure Acrylic
pH:	approx. 9
VOC:	< 1 g/l (ISO 11890-2)
Density:	approx. 1.15 g/cm <sup>3</sup>
Packaging:	5.0 Litres 10.0 Litres

### Product Features

- eliminates >99.9% CORONA VIRUSES on the surface\*
- reduces >99.99% Bacteria (MRSA) on the surface\*\*
- with silver system technology
- without the addition of conventional biocides and fungicides
- low VOC and zero odour
- cleanable and resistant to disinfectants
- excellent hiding power (class 2 according to DIN EN 13300)
- matt finish and easy to apply

\*virus reduction after 24h according to ISO 21702-2019-05

\*\*bacteria reduction after 24h according to ISO 22196

### Application Areas/Substrates

For internal use on walls and ceilings. As a new or renovating coat on all the usual, firm interior surfaces, such as old and new plasters and stucco, wallpapers and glass fibre cloths, gypsum boards, concrete, sand-lime-brick and fair-faced masonry. For applying on previously painted walls and ceilings such as firm old silicate, silicon resin and emulsion-based coatings.

### Surface Preparation

The surface must be fully cured, clean, dry and free of dirt, contaminants and release agents. Remove loose and failing paint. Apply 1 coat BIONI GRIP Primer on sanding and/or caulking substrates (refer to Technical Data Sheet No. 095-EN).

### Application

Can be applied by brush, roller or sprayed using suitable equipment. Stir thoroughly before use. Must be applied in 2 undiluted coats. In special cases (e.g. high ambient temperature during use or very coarse substrate) the first coat can be thinned with max. 5% water. At +20°C and 55% rel. humidity, the surface of the first coat is dry and can be coated over after approx. 4-6 h. The coating is fully dried and resilient after 3-5 days. Expect longer drying times at lower temperatures and higher relative humidity. Ensure adequate ventilation during application and drying.

### Typical Coating System

The coating system depends on the type and condition of the substrate (refer also to "Surface Preparation"):

1.	<i>Prime coat</i>	Depending on type of surface and substrate condition
2.	<i>First coat</i>	1x BIONI® HYGIENIC PRO approx. 145-175 ml/m <sup>2</sup>
3.	<i>Final coat</i>	1x BIONI® HYGIENIC PRO approx. 145-175 ml/m <sup>2</sup>

### Consumption

One litre covers approx. 2.8-3.5 m<sup>2</sup> (with 2 coats). This is equivalent to approx. 145-175 ml/m<sup>2</sup> per coat and 290-350 ml/m<sup>2</sup> with 2 coats (depending on the substrate). Consumption (coverage) is highly dependent on the quality of the substrate, the type of application and the climatic conditions. Precise consumption quantities must therefore be determined by trying out coatings on a test area on site if necessary.

**Important note:** The coat thickness has an important effect on long-term protection of the coating surface against microbial infestation with mould. BIONI® HYGIENIC PRO must therefore always be applied thickly and uniformly. Do not use less than the specified (minimum) consumption quantities. Avoid under-thick coatings.

### Conditions During Application

The temperature of the substrate and ambient should be minimum +5°C during application and drying.

### Mixing

BIONI® HYGIENIC PRO is ready for use. The characteristics of the product can be affected if mixed with other substances. Tinting with standard tinting products is therefore only possible after suitable trying out on a test area. **Note:** Tinting with tinting pastes containing VOC affects the VOC content of the product.

### Touch-up

Partial improvements (patch painting), repairs and reworking of the surface with the original material are possible. Note and follow the manufacturer's technical recommendations. Due to the large number of influencing factors (e.g. quality of the substrate, colour, applied coat thickness, uniformity of the application, time between first coat and making good, climatic effects, etc.) it is possible that the made good areas become visible or apparent.

### Recoatibility

BIONI® HYGIENIC PRO can be coated over with standard interior paints, e.g. emulsion-based paints. The properties of BIONI® HYGIENIC PRO are nullified by overcoating and by wallpapering over it.

### Clean Up

Clean tools immediately after use with water.

### Storage

Store in a cool, dry place. Protect from heat, direct sunlight and freezing. Containers must be kept closed.

### Shelf Life

24 months, if properly stored and tightly sealed. Opened containers can be stored for up to 12 months if tightly sealed.

### Transportation

No special precaution measures for transportation required.

### Disposal

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

### Safety

Keep out of reach of children. Do not breathe in spray mist if applying using spraying methods. Consult the Material Safety Data Sheet for further health and safety information.

### Important Notice

**Contains silver-compounds to protect the paint surface against viruses and bacteria. Use biocides safely. Always read the label and product information before use.**

### Limited Warranty Notice

This Technical Data Sheet has been compiled based on the latest state-of-the-art standards, intensive development work and many years of practical experience. Due to the diversity of substrates, possible applications and other influencing factors, the information provided cannot be binding and no liability can be deduced from it. The purchaser/user is always responsible for trying out the product to test its suitability for the planned use. Furthermore, the most recent version of our General Terms and Conditions of Business apply.

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