

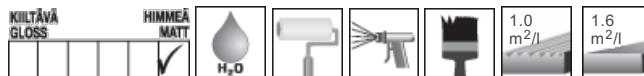


## BioRid - Water-borne functional coating

Description	BioRid is a waterborne functional coating containing micropores, which eliminate moisture and keep the surface dry. BioRid is especially suitable for new and previously painted surfaces in conditions where protection of the paint film from mold contamination is required.
Product features	BioRid is suitable for interior painting of walls and ceilings, on substrates of concrete, plaster, bricks, and metal. Application on steel surfaces requires an anti-corrosion primer, to avoid discoloration or yellowing from rusty surfaces.
Recommended uses	BioRid is suitable for new and previously painted surfaces, such as in living facilities, cellars, parking garages, food industries, warehouses, and animal husbandry operations. BioRid is not suitable for unpainted wooden surfaces. Read the application instructions carefully before starting the painting work.



### TECHNICAL DATA



Colour Range	White
Gloss grade	Full-matt
Coverage	Depending on the surfaces. For effective protection the coverage should be about 1.0-1.6 m <sup>2</sup> /l (or 750-1200g/ m <sup>2</sup> ).
Can sizes	9 L, 18 L
Thinner	Water
Application method	BioRid is most suitable for brush and roller application. BioRid can also be applied by airless spray application.
Drying time at 23°C and 50% relative air humidity	Dry to touch after 8-12 hours, depending on film thickness.
Chemical resistance	Resistant to cleaning detergents.
Solids volume	Approx. 30 %
Density	Approx. 1.2 kg/l (ISO 2811)
Storage	Shelf-life: 2 years. Protect from frost. Store in a dry and cool place, protected from sunlight. Close the can carefully for future use. Open can does not withstand long term storage.
Product code	0065120

### APPLICATION DETAILS

Application conditions	The surface to be coated must be dry, the temperature of the air and surface at least +5 °C, and the relative humidity of the air below 80 %.
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### Priming

#### New surfaces:

Remove dirt and dust from the unpainted surfaces. Fill the surfaces with suitable Presto or Prestonit filler, if needed. Prime porous and absorbing surfaces with ProSeal before applying BioRid.

#### Unpainted molded surfaces:

Apply BioWash, diluted with water (mixing ratio 1:2), on mould affected surfaces with a sponge, smooth brush or spray. Let the solution act for about 20 minutes. When the surface is still wet, use a brush or high pressure washer (200 bars) to remove mould. Rinse the surfaces carefully with clean water, from the top to the bottom. Fill cracks and holes with a suitable Presto or Prestonit filler. Apply BioRid on the treated surface within 24 hours. For porous and absorbing surfaces, prime with ProSeal.

#### Previously painted molded surfaces:

Wash previously painted surfaces with BioWash, see instruction above. Remove loose, flaking paint with a scraper and sand hard, glossy and industrially painted surfaces matt. Fill cracks and holes with a suitable Presto or Prestonit filler.

For both unpainted and previously painted molded surfaces, apply BioWash diluted with water (mixing ratio 1:50) over the whole surface for sterilization of the surface. Let the surface dry. Apply BioRid on the treated surface within 24 hours.

For porous and absorbing surfaces, prime with ProSeal.

### Application

Stir BioRid well before use. The product is ready to use but can be thinned with water, when needed. Apply 1-2 times by brush or roller to desired thickness.

Note! Surfaces coated with BioRid should not be recoated with other paints or coatings, because that would result in the loss of the desired properties.

### Cleaning of tools

Remove excess coating from tools, and clean them with water. Tikkurila Tool Cleaner is recommended for removing hardened coating from tools.

### Maintenance instructions

Avoid high-pressure cleaning.

### Maintenance treatment

Surfaces coated with BioRid should be recoated with the same product if needed, to retain its properties.

### EU VOC 2004/42/EC-limit value

(cat A/a) 30g/l (2010)

BioRid contains VOC max. 30 g/l.

## HEALTH AND SAFETY LABELLING

according to Regulation (EC) No. 1272/2008

The product is not classified as hazardous. A Safety Data Sheet is available on request.

 [Safety data sheet](#)

## ENVIRONMENTAL and WASTE DISPOSAL TRANSPORT

Empty cans should be recycled or disposed of in accordance with local regulations. Liquid waste should be destroyed according to the local regulations.  
ADR: not classified

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and



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practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.