



BioSeal Mycelium

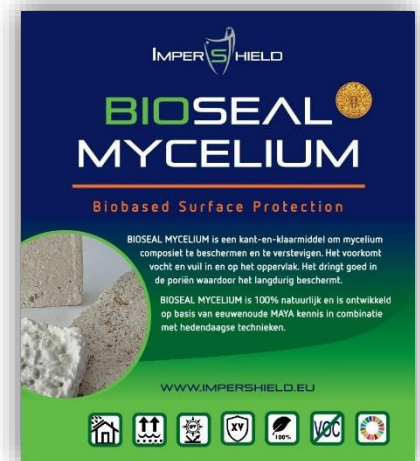
PRODUCT INFORMATION SHEET

Application

BioSeal Mycelium is a natural coating for mycelium composite surfaces. Applied in several layers, BioSeal Mycelium forms an almost sealing layer. The agent can be applied to both vertical and horizontal surfaces.

The best result is achieved on new mycelium composite, where the (velvet) mycelium and the substrate are both still visible. In a deep-grown substrate, where only the 'velvet' is visible, the coating has a reduced adhesion.

The product is intended for industrial and/or professional use.



Packaging, Mixing ratio and storage

Packaging

HDPE jerrycan 1 litre
HDPE jerrycan 5 litre
HDPE jerrycan 20 litre

If not used for other purposes, the packaging can be returned to Impershield Europe after use. For larger quantities, these can be collected; inquire about the conditions with your contact person.

Mixing ratio

BioSeal Mycelium is delivered ready for use.

Storage

Stored in the original, closed packaging, cool and frost-free, with a shelf life of at least 12 months.

Product features

Trade Name:	Impershield BioSeal Mycelium
Chemical name:	Natural tree resin extract similar in action to acrylic resin.
Chemical family:	Resin of conifer family
Synonyms:	Natural resin



Physical condition:	White liquid
Odour:	Characteristic smell of BIOSEAL MYCELIUM
pH value:	7,5- 9,5
Boiling point/boiling range:	100 ° C
Flash point:	N/A
Evaporation rate:	N/A
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Vapor density:	0.62 (water) (air = 1)
Relative density:	1.04-1.14 gr./cm ³ (@ approx. 22 ° C)
Solubility(ies):	in water 17 mm Hg (water) in all proportions of emulsion
Spontaneous auto-ignition temperature:	N/A
Molecular weight:	N/A
Volatility percentage:	N/A any form of water vapor

Preparation

Before applying the product, the surface must be clean of contamination. The best result is achieved on new material.

The surface to be treated must be well dried before the product is applied.

Application

Circumstances

Make sure the temperature is between 5 °C and 30 °C during application and drying. After application, care should be taken to ensure that the treated surface remains dry for at least 24 hours, and preferably for 48 hours; getting wet during drying (for example, by rain) reduces the effectiveness of the treatment.

Application methods

Ensures that all parts of the substrate are treated evenly. Depending on the intended application of the treated material , the coating can be applied with different methods:

	Intensive contact with water (vapour)	Limited contact with water (vapour)
Fine textured surface	Apply at least 2 layers with a (fur) roller, a jet roller, or block brush. If necessary, saturate the last layer well / immerse it in the coating.	Apply two layers with a (fur) roller, a jet roller, or block brush.



Surface with coarse structure	Apply at least 2 layers with a low-pressure sprayer (e.g. air-less). If necessary, saturate the last layer well / immerse it in the coating.	Apply two layers with a low-pressure sprayer (e.g. air-less).
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Procedure

- Work from top to bottom
- Apply the product in such a way that the entire surface to be treated is treated evenly.
- Leave the product on for about 1 hour.
- Apply a second layer; prevent drip- on puddle formation on the surface.
- Let the agent air dry for 48 hours (polymerization) and prevent the surface from getting wet.

Consumption

The consumption of the product is highly dependent on the suction power of the substrate.

Experience shows 1 litre of agent is sufficient for treatment of between 6 to 9 m² of fine structured surface.

Safety

The product is safe to work with; not toxic to humans or the environment. It does adhere to clothing and to the skin. We therefore recommend that the use of eye protection and direct contact with the skin be kept to a minimum. Further information can be found in the safety data sheet (MSDS).

Tool

After use, clean the tool immediately with lukewarm water.

Contact details

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DISCLAIMER

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