Bright eco-coating

Houweling group

A 100% microplastic-free removable shading agent qualified for organic growing.

Bright Eco-Coating is a fully microplastic-free shading agent, which provides protection against excessively high temperatures and sunlight exposure. It is harmless for the environment and safe to use with all crops, particularly organically grown ones. Bright Eco-Coating is completely biobased, biodegradable* and can be removed from the greenhouse without a chemical cleaner.

Benefits of Bright Eco-Coating:

- Excellent protection for your crop
- Fully suitable for organic cultivation
- Completely organically removable
- Long-lasting protection
- Liquid & easy to apply
- For all greenhouse surfaces

Liquid & easy to apply

Bright Eco-Coating is liquid, dissolves easily during the mixing process and is easy to apply. Bright Eco-Coating is perfectly suited for machine spraying and provides an even protective coating on your greenhouse.

For all greenhouse surfaces

Bright Eco-Coating provides a long-lasting protective layer and is easy to apply to glass, plastic film and polycarbonate.

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Excellent protection for your crop

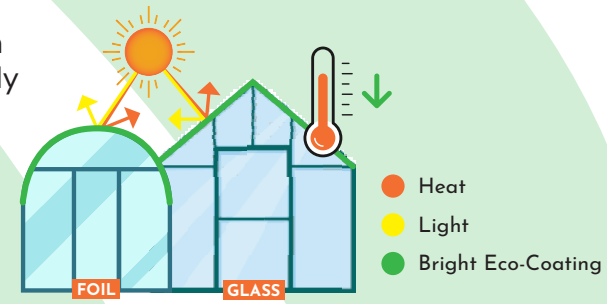
Many crops do not cope well with excessively high temperatures or too much sunlight. Bright Eco-Coating reflects light and thereby improves the climate in the greenhouse. This biobased coating provides a long-lasting protective layer and is easy to apply to glass, plastic film and polycarbonate.

Long-lasting protection

Bright Eco-Coating provides a shading duration ranging from 90 to 120 days. You can influence the desired shading and shading duration by adding more or less water than specified in the mixing instructions. The standard dose for 75% shading is 20kg of Bright Eco-Coating to 80 litres of water for an effective protection. This gives a solution of 93 litres: sufficient for spraying 500 to 700 m2 of greenhouse surface. The actual shading duration and coverage depends on the dilution and weather conditions.

Fully suitable for organic cultivation

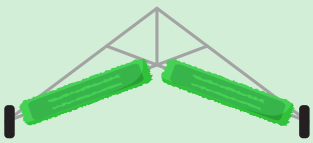
Bright Eco-Coating is the only shading agent available on the market that is 100% microplastic-free, 100% biodegradable* and 100% biobased. A key advantage of these product characteristics is that the application and removal of the greenhouse can be done completely organically and environmentally friendly. That makes Bright Eco-Coating the only shading agent on the market that meets the requirements for organic cultivation. In addition to the fact that our liquid coating is environmentally friendly, our buckets are made of 100% recycled plastic. All packaging that is returned to the supplier is collected by us and recycled for the next application. This is how we contribute to corporate social responsibility.



Completely biologically removable

Bright Eco-Coating can be removed in three ways that are environmentally friendly:

Wear from wind and rain after 90-120 days.



Brushing, without using a chemical cleaner.

Spray with Bright Eco-Clean (100% microplastic-free & biodegradable*)

This is substantially different from existing products on the market, which always require a chemical cleaner to be removed.

** according to OECD 301F*

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