

d₂p anti-fungal technology



is designed to provide hygienic protection to your products.

An anti-fungal masterbatch successfully tested against fungi, such as *M. Piriformis* and *P. Roqueforti*, bacteria and algae.



www.d2p.net

d₂p anti-fungal technology



d₂p (af) masterbatch can be added to most polymers during the manufacturing process to provide excellent resistance to fungi, bacteria and algae

The anti-fungal active ingredient is used globally in a variety of applications such as anti-fouling paints, building products, textiles and it is similar to those in anti-dandruff shampoos. It acts to prevent growth of fungi, bacteria, mildew and algae that can cause discoloration, staining and odours, and is a danger for human health, especially if transmitted through air-conditioning systems.

d₂p is a unique masterbatch for **plastic products**. Its primary purpose is to prevent fungal contamination whilst preserving the aesthetic and functional properties of plastic products.

Symphony's d₂p can potentially:

- Increase the shelf-life of fresh food
- Reduce requirement for food preservatives
- Inhibit mould growth on food and non-food applications.
- Enhance your marketing message

d₂p af is a reliable technology which has been tested using international standard testing-methods such as:

- ISO 16869:2008 – anti-fungal
- ISO 22196:2011 – anti-bacterial
- prEN WD_algae – anti-algae
- ASTM G21 – anti-fungal
- ISO 846 – anti-fungal/bacterial

Uses of anti-fungal protection with d₂p technology



Agricultural

d₂p anti-fungal can be used in the agricultural industry including pipes and greenhouse films



Non-food contact

d₂p anti-fungal can be used for a variety of non-food contact applications and is ideal for public sanitary facilities, swimming pool covers, credit cards, filters, tables, clothing, electronic devices and for many other purposes.



Food contact

d₂p anti-fungal can be used in cutting boards, food containers, food packaging and processing equipment.

**DEVELOPMENT
GRADE FOR FOOD
CONTACT**

Want to find out more...

www.d2p.net

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