

Hygienic coatings with film protection against mould, virus and bacteria infestation

	FK 45 HYGIENIC FORTE	DISPAINT HYGIENIC FORTE	DISPERLITH ELASTIC	DISPERLITH INDUSTRIE	DISPERLITH HYGIENIC
Material type	2-component high-solid epoxy resin coating with film protection	thin film lacquer with film protection	Dispersion paint with film protection	Dispersion paint with film protection	Dispersion paint with film protection
Properties	Resilient surface coating for ceilings, walls and machines (interior). Surface protection against mould, viruses and bacteria through tested BLUE-BIO.FILM.STOP technology (DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08). Low vapour diffusion. Odorless.	Thin film varnish for ceilings and walls. Surface protection against mould, viruses and bacteria through tested BLUE-BIO.FILM.STOP technology (DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08). Low vapour diffusion. Odorless.	Dispersion coating for ceilings and walls. Surface protection against mould, viruses and bacteria through tested BLUE-BIO.FILM.STOP technology (DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08). Fast drying. Low vapour diffusion. Odorless.	Dispersion coating for ceilings and walls. Surface protection against mould, viruses and bacteria through tested BLUE-BIO.FILM.STOP technology (DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08). Suitable for residual moisture. Medium vapour diffusion. Light odor.	ECO-label certified emulsion paint for ceilings and walls. Surface protection against mould, viruses and bacteria through tested BLUE-BIO.FILM.STOP technology (DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08). High vapour diffusion. Odorless.
Certification	<ul style="list-style-type: none"> ● VO (EC) 852/2004 European Food Hygiene Regulation ○ VO (EU) 10/2011 for the direct Contact with food (EU standard) ○ FDA 21 CFR 175.300 for the direct Contact with food (USA standard) 	<ul style="list-style-type: none"> ● VO (EC) 852/2004 European Food Hygiene Regulation ○ VO (EU) 10/2011 for the direct Contact with food (EU standard) ○ FDA 21 CFR 175.300 for the direct Contact with food (USA standard) 	<ul style="list-style-type: none"> ● VO (EC) 852/2004 European Food Hygiene Regulation ○ VO (EU) 10/2011 for the direct Contact with food (EU standard) ○ FDA 21 CFR 175.300 for the direct Contact with food (USA standard) 	<ul style="list-style-type: none"> ● VO (EC) 852/2004 European Food Hygiene Regulation ○ VO (EU) 10/2011 for the direct Contact with food (EU standard) ○ FDA 21 CFR 175.300 for the direct Contact with food (USA standard) 	<ul style="list-style-type: none"> ● VO (EC) 852/2004 European Food Hygiene Regulation ○ VO (EU) 10/2011 for the direct Contact with food (EU standard) ○ FDA 21 CFR 175.300 for the direct Contact with food (USA standard)
Film protection from	<ul style="list-style-type: none"> ● Mould ● Bacteria ● Viruses 	<ul style="list-style-type: none"> ● Mould ● Bacteria ● Viruses 	<ul style="list-style-type: none"> ● Mould ● Bacteria ● Viruses 	<ul style="list-style-type: none"> ● Mould ● Bacteria ● Viruses 	<ul style="list-style-type: none"> ● Mould ● Bacteria ● Viruses
Chem. resistance	●●●●●○	●●●○○○	●●●○○○	●●○○○○	●●○○○○
Minimum processing temperature	<ul style="list-style-type: none"> ○ +4°C ○ +6°C ○ +10°C ● +12°C 	<ul style="list-style-type: none"> ● +4°C ○ +6°C ○ +10°C ○ +12°C 	<ul style="list-style-type: none"> ● +4°C ○ +6°C ○ +10°C ○ +12°C 	<ul style="list-style-type: none"> ○ +4°C ● +6°C ○ +10°C ○ +12°C 	<ul style="list-style-type: none"> ○ +4°C ○ +6°C ● +10°C ○ +12°C
Vapour diffusion	<ul style="list-style-type: none"> ○ Open ○ ↗ ○ ↘ ● Sealing 	<ul style="list-style-type: none"> ○ Open ○ ↗ ● ↘ ○ Sealing 	<ul style="list-style-type: none"> ○ Open ○ ↗ ● ↘ ○ Sealing 	<ul style="list-style-type: none"> ○ Open ● ↗ ○ ↘ ○ Sealing 	<ul style="list-style-type: none"> ● Open ○ ↗ ○ ↘ ○ Sealing
Colour shade	White, signal grey (RAL 7004). Further colours see technical data sheet.	White. Other colours on request.	White. Other colours on request.	White. Other colours on request.	White. Other colours on request.
Application for	<ul style="list-style-type: none"> ● Wall ● Ceiling ○ Tank ● Machine 	<ul style="list-style-type: none"> ● Wall ● Ceiling ○ Tank ○ Machine 	<ul style="list-style-type: none"> ● Wall ● Ceiling ○ Tank ○ Machine 	<ul style="list-style-type: none"> ● Wall ● Ceiling ○ Tank ○ Machine 	<ul style="list-style-type: none"> ● Wall ● Ceiling ○ Tank ○ Machine
Suitable Substrates	<ul style="list-style-type: none"> ● Concrete ● Mineral substrates ● Metal ● Dispersion paint ● 2C epoxy resin ● Tiles 	<ul style="list-style-type: none"> ● Concrete ● Mineral substrates ○ Metal ○ Dispersion paint ○ 2C epoxy resin ● Tiles 	<ul style="list-style-type: none"> ● Concrete ● Mineral substrates ● Metal ● Dispersion paint ● 2C epoxy resin ○ Tiles 	<ul style="list-style-type: none"> ● Concrete ● Mineral substrates ○ Metal ○ Dispersion paint ○ 2C epoxy resin ○ Tiles 	<ul style="list-style-type: none"> ● Concrete ● Mineral substrates ○ Metal ○ Dispersion paint ○ 2C epoxy resin ○ Tiles



Film protection against mould, viruses and bacteria - the BIO.FILM.STOP technology from FAKOLITH

In order to protect surfaces from mould, virus and bacterial infestation even between cleaning intervals, our hygiene coatings are equipped with BIO.FILM.STOP technology. The selected combination of active substances and high-quality binders creates a paint film with maximum qualitative and quantitative resistance to microbial infestation (biofilm). We distinguish between GREEN- and BLUE-BIO.FILM.STOP technology. **GREEN-BIO.FILM.STOP technology:** Tested effectiveness against bacteria (ISO 22196:2011-08) and viruses (ISO 21702:2019-05). **BLUE-BIO.FILM.STOP technology:** Tested effectiveness against mould (DIN EN 15457:2014-11), bacteria (ISO 22196:2011-08) and viruses (ISO 21702:2019-05). Coatings for direct contact with food are exclusively equipped with GREEN-BIO.FILM.STOP technology.