



FAKOLITH®
chemical systems

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a Fakolith Group Company

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Hygienic paints and varnishes BioFilmStop

Our hygienic paints and hygienic varnishes are technical and functional coatings widely certified for sectors where prevention and hygiene are a priority, such as the food industry, healthcare sectors, hospitals, pharmaceutical industry, and cosmetics. It stands out its high physical-chemical resistance, to high humidity and its consequences, to the action of cleaners and disinfectants, especially in technical and industrial environments. Fakolith hygienic varnishes and paints are tested and treated with the innovative antimicrobial technology BioFilmStop (BPR Art.3) highly effective against fungi (mold), bacteria and biofilm and other pathogenic microorganisms such as Coronavirus. This range is suitable for painting, coating, renovating and protecting mainly walls, ceilings, flooring, sandwich panel, clean rooms and food industry areas.



ANTIMOLD KIT

Anti-mold kit, for cleaning, priming and painting in white color, small surfaces up to 10m² attacked by moisture, mold, bacteria, biofilm, viruses... generally for use in homes, buildings and industry. Contains "FK-12 Gel" Cleaner, the priming agent "Disperlith Primer" and the hygienic paint "Disperlith Industry".



1 l. of FK-12 Gel, 1 l. of Disperlith Primer, 2.5 l. of Disperlith Industry

DESCRIPTION AND MAIN USE: Kit composed by 1 liter of FK-12 GEL cleaner, 1 liter of Disperlith Primer, 2,5 liters of Disperlith, use and safety instructions, mask, gloves, sponge and technical report molds in buildings. It is suitable to clean up and paint, for a long term, surfaces that have been affected by moisture and mold.

APPLICATION: Protect all surfaces that are not to be treated or could be splattered. Easy as 1, 2, 3.

1- CLEANING: Apply "FK-12 Gel" dampness cleaner generously to the affected area with a brush, rub with the scrub pad and leave to act for 5 minutes. Then remove inconsistent parts, and rinse with the sponge and clean water. Allow to dry completely. If necessary, repeat the operation until the surface no longer shows any damage. It is normal that the area may remain with stains, since FK-12 Gel is not an oxidizing product and does not produce the misleading bleaching effect of bleach.

2- PRIMER: After the previous cleaning and sanitation process, apply undiluted and on the dry surface, the penetrating primer "Disperlith Primer", which will increase the resistance to moisture, mold and microorganisms from the inside of the base, while providing an adequate adhesion of the subsequent paint. Allow to dry completely, and do not rinse with water.

3- PAINT: After the primer has dried, apply 2 to 3 coats of DISPERLITH Industry paint by brush or roller to provide a paint film with high resistance to moisture, mold, mildew, bacteria, biofilm and viruses. Disperlith Industry is commonly used on severely affected and critical surfaces in the food industry, health care industry and buildings in general, and home.. Disperlith can be pigmented with Mixol until a concentration of 3%.

AVERAGE YIELD: All components included in this KIT are calculated to repair an approximate area of 10 sqm.

DISPERLITH ELASTIC

Waterproof hygienic elastic paint, high resistance to dampness and its consequences. Treated with BioFilmStop antimicrobial technology, effective and tested against mold and yeast, bacteria and biofilm, and other pathogens such as coronavirus. Use in the food industry, health sectors, hospitals, industry, civil works and buildings in general.



Cans of 5 and 12.5 litres

PRODUCT SUMMARY: DISPERLITH ELASTIC is a waterproof and elastic hygienic-sanitary paint, widely certified, with high physicochemical resistance in its category, high resistance to humidity and its consequences. Formulated with modified acrylic copolymers in aqueous dispersion, low VOC, free of ammonia, APEO, formaldehyde, phthalates, BPA, heavy metals, polyhaloanisoles and polyhalophenols. Satin finish in interiors and exteriors, excellent coverage, waterproof, adhesion and elasticity, low odor, fast drying and from low temperatures ($>3^{\circ}\text{C}$). On open surfaces, walls, ceilings and roofs, indoors and outdoors. Especially in the food industry and healthcare sectors, hospitals and clinics, and also in industry, civil engineering and public and private buildings in general. Available in white, NCS colors and colorless varnish. **With Declaration of Conformity, Performance and CE marking.**

BIOFILMSTOP SANITARY TECHNOLOGY (Article treated BPR Art.3): DISPERLITH Elastic is a treated paint (BPR Art 3 and 58) with broad spectrum BioFilmStop antimicrobial Technology. With **effectiveness $\geq 99.9\%$** and tested in various official R&D&I projects and external reference laboratories, under various regulations ASTM D2574-06, ISO 846, ISO 22196, ISO 15457:201, ISO 21702, etc., **against bacteria and biofilm** (Staphylococcus aureus MRSA, Listeria monocytogenes, Salmonella enteritidis, Salmonella enterica, Pseudomonas aureuginosa, Legionella pneumophila....) **fungi and molds** (Aspergillus niger, Aspergillus brasiliensis, Candida albicans, Chaetomium globosum, Paecilomyces variotii, Penicillium pinophilum, Trichoderma virens...) **and viruses** (Human Coronavirus, Feline Coronavirus). The paints and coatings of Fakolith's sanitary range contribute to comply positively with CE 852/2004, are manufactured under HACCP and Good Manufacturing Practices (GMP) according to CE 2023/2006, improving hygiene and food and sanitary safety of surfaces and environments. FAKOLITH Sanitary Registration: RGSEAA ES-39.005259/T and ROESP E-0043-E.

PROPERTIES: Excellent adhesion on multiple surfaces, resistant to weathering, carbonation and alkalinity of the base). Drying starts from 3°C - 60% humidity. Tests CE marked (Tecnalia) UNE-DIN EN ISO 1504-2:2005 after 28 days cured at $23\pm 2^{\circ}\text{C}$ $50\pm 5\%$ relative humidity and average thickness of $285\text{ }\mu\text{m}$.

- High resistance to attack by commonly used chemical solutions Class I-II.
- Permeability to CO_2 Class III Sd $>50\text{ m}$

- Permeability to water vapor Class I $S_d < 5 \text{ m}$
- Liquid water permeability $w < 0,1 \text{ Kg/m}^2 \cdot \text{h}$ 0,5
- Tensile strength for Rigid and Flexible systems without traffic loads $= 1.30 \text{ N/mm}^2$

According to DIN EN 13300:2002 and DIN EN 1062-1 it is resistant to wet rubbing Class 1 ($< 5 \mu\text{m}$), covering Class 1 ($> 250 \text{ ml/m}^2$) and Class 2 ($250\text{-}125 \text{ ml/m}^2$), water vapor transpiration Class V2 ($SD = 0.66 [\text{m}]$), and water permeability Class W3 ($W_{24} = 0.0062$). Estimated Euroclass B-s1, d0.

Paint treated with effectiveness tests against microorganisms (fungi, bacteria, yeasts) according to ISO 22196 and ISO 846 of Eurofins, CNTA and Fraunhofer, also tested as suitable for cleanrooms. Paint resistant to most disinfectants and cleaners according to Test DIN EN ISO 4628-2: 2004-01 carried out by TÜV SÜD Germany and/or Fakolith R&D&I. (In case of doubt, please consult our Technical Department). Paint/varnish tested with GC-MS-MS technique to determine the polyhaloanisoles and polyhalophenols profile in dry film, $< 0.50 \text{ ng/l}$. without risk of anisoles or precursors, suitable for use in wine cellars (DOLMAR).

HOW TO APPLY: Compatible with most absorbent mineral surfaces, concrete, properly primed metals, lacquered panels and other dispersion paints and/or previous primers well attached and resistant to cut-cross test Class 0-1 UNE-DIN EN ISO 2409:2007. For the proper application of a product, the state and preparation of the base must be considered. The base must be clean, consolidated and with adequate levels of humidity, for which we have a wide range of cleaners, disinfectants, deoxidizers, primers, water repellents, consolidators, insulating agents, mortars, putties. In case of doubt, consult our technical advice service.

Finish with 2 or 3 coats of Disperlith Elastic hygienic paint, applied by roller brush or airless.

CONSUMPTION – PERFORMANCE: Depending on the state and type of base, we recommend between $200\text{-}400 \text{ ml/m}^2$, applied in 2 to 3 coats, with a total yield between 2.5 and $5 \text{ m}^2/\text{l}$.

More information in its technical and safety data sheet, and in the web section [solutions and application guides](#).

DISPERLITH INDUSTRY

Anti-humidity hygienic sanitary paint, high resistance to dampness and its consequences. Treated with BioFilmStop antimicrobial technology, effective and tested against mold and yeast, bacteria and biofilm, and other pathogens such as coronavirus. Use in the food industry, health sectors, hospitals, industry, civil works and buildings in general.



Cans of 5 and 12.5 litres

PRODUCT SUMMARY: DISPERLITH INDUSTRY is a hygienic and sanitary breathable paint, with matte finish, anti-humidity, with high resistance to humidity and its consequences. Formulated with modified acrylic copolymers in aqueous dispersion, low VOC, low odor, free of ammonia, APEO, formaldehyde, phthalates, BPA, heavy metals, polyhaloanisoles and polyhalophenols. Disperlith Industry is ideal for renovating surfaces affected by moisture, mold, mildew and microorganisms, and/or as a preventative to avoid their appearance. **Disperlith Industry is ideal for** renovation and surfaces affected by moisture, mold, mildew and microorganisms, and/or as prevention to avoid their appearance. As a finish for open surfaces, walls and ceilings, indoors and outdoors. Especially in food industry and health sectors, hospitals and clinics, and also in industry, civil works and public and private buildings in general. Paint recommended by the German BVLK, and certified as Excellent by Fraunhofer IPA for clean rooms and equivalent environments. **With Declaration of Conformity, Performance and CE marking.**

BIOFILMSTOP SANITARY TECHNOLOGY (Article treated BPR Art.3): DISPERLITH Industry is a treated paint (BPR Art 3 and 58) with broad spectrum BioFilmStop antimicrobial Technology. With **effectiveness $\geq 99.9\%$** and tested in various official R&D&I projects and external reference laboratories, under various regulations ASTM D2574-06, ISO 846, ISO 22196, ISO 15457:201, ISO 21702, etc., **against bacteria and biofilm** (Staphylococcus aureus MRSA, Listeria monocytogenes, Salmonella enteritidis, Salmonella enterica, Pseudomonas aureuginosa, Legionella pneumophila....) **fungi and molds** (Aspergillus niger, Aspergillus brasiliensis, Candida albicans, Chaetomium globosum, Paecilomyces variotii, Penicillium pinophilum, Trichoderma virens...) **and viruses** (Human Coronavirus, Feline Coronavirus). The paints and coatings of Fakolith's sanitary range contribute to comply positively with CE 852/2004, are manufactured under HACCP and Good Manufacturing Practices (GMP) according to CE 2023/2006, improving hygiene and food and sanitary safety of surfaces and environments. FAKOLITH Sanitary Registration: RGSEAA ES-39.005259/T and ROESP E-0043-E.

PROPERTIES: Excellent adhesion on multiple surfaces, resistant to weathering, carbonation and alkalinity of the base. Paint with good resistance to most disinfectants and cleaners DIN EN ISO 4628-2: 2004-01 (In case of doubt consult the Technical Dept.). Drying from 5°C. Tests CE marked (Tecnalia) UNE-DIN EN ISO 1504-2:2005 after 7 days of curing applying 2 coats of 240 gr:

- Abrasion resistance. Weight loss= 340 mg.
- Permeability to CO₂ Class III Sd >50 m (129)
- Permeability to water vapor Class I Sd <5 m (1.15)
- Liquid water permeability w<0.1 Kg/m²-h 0.5 (0.05) Class III.
- Tensile strength for rigid systems with traffic loads =4.36 N/mm².

According to DIN EN 13300:2002 and DIN EN 1062-1 it is wet scrub resistant Class 1 (<5 µm), coverage Class I (250 ml/m²), water vapor transpiration Class V2 (SD= 0.24 [m]), estimated Euroclass B-s1, d0. Paint/varnish tested with GC-MS-MS technique to determine the polyhaloanisoles and polyhalophenols profile in dry film, <0.50 ng/l. no risk of anisoles or precursors, suitable for use in wine cellars (DOLMAR).

METHOD OF APPLICATION: Compatible with most mineral surfaces, concrete, properly primed metals, lacquered panels and on other dispersion paints and/or primers previously well adhered and resistant to the test of cut by trellis Class 0-1 UNE-DIN EN ISO 2409:2007. For a good application of a product it is necessary to take into account the state and preparation of the base, which must be clean, consolidated and with adequate levels of humidity, for which we have a wide range of cleaners, disinfectants, deoxidizers, primers, water repellents, consolidants, insulators, mortars, putties. In case of doubt, please consult our technical advisory service.

Finished with 2 coats of Disperlith Industry hygienic sanitary paint, applied by brush, roller or airless. More information in the web section, solutions and application guides of our website.

CONSUMPTION - PERFORMANCE: Depending on the state and type of base we recommend between 200-333 ml/m², applied in 2 coats, with a total performance between 3 and 5 m²/l.

More information in its technical and safety data sheet, and in the web section solutions and [application guides](#).

DISPERLITH HYGIENIC

Ecological hygienic paint ECOLABEL, excellent finish and quick drying, treated with BioFilmStop antibacterial technology. Hygienic painting on walls, low and medium stress ceilings. Inside hospitals, food industry, industry in general, schools, offices, buildings, dwellings.



Cans of 5 and 12.5 l.

PROPERTIES: DISPERLITH Hygienic is the first ecological paint to be awarded European Union Ecolabel Certification, Reg. No. ES-CAT/044/001, in accordance with the new, and demanding, Ecolabel criteria, regarding water-based dispersion paints formulated with vinyl acetate and ethylene modified copolymers, low emissions and low odour (zero-zero Voc), free of APEO, ammonium, formaldehyde and heavy metals, for interior use. DISPERLITH Hygienic forms a well-balanced film of paint that is easy to apply, quick drying, with low odour that provides an excellent finish, in line with the DIN EN 13300 Standard, wet scrub resistance Class 2 ($>260 \text{ ml/m}^2$), covering Class 1, with a high level of water vapour transpiration, Class 1 ($\text{SD} = 0.03$), and water permeability, Class 1 ($\text{W} = 0.9$). Paint resistant to the most disinfectant cleaners according to Tests DIN EN ISO 4628-2: 2004-01 by TÜV SÜD Germany and/or Fakolith R&D+i (For more security, before use, ask your case to our Tech. Department) Good adhesion, particularly on mineral or painted surfaces. It could be applied at temperatures of 5°C or over, up to a maximum relative humidity of 75%. Available in white and other colours.

BIOFILMSTOP SANITARY TECHNOLOGY (Treated Article BPR Art.3): DISPERLITH Hygienic is an intelligent sanitary paint, treated with BioFilmStop Inhibition Technology, highly resistant to biofilm and bacteria, ISO 22196:2011 (*Escherichia coli*, *Listeria monocytogenes*, *Bacillus subtilis*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enteritidis*, *Legionella pneumophila*...). The paints of the DISPERLITH range positively contribute to compliance with (EC) 852/2004, are manufactured subject to HACCP and GMP (EC) 2023/2006, also notably improving HACCP, food safety and asepsis for the user company. Declaration of Conformity – Health Register FAKOLITH RGSEAA ES-39.005259/T and ROESP E-0043-E.

RECOMMENDED USE: DISPERLITH Hygienic is recommended as an interior finish paint for domestic interiors, particularly for walls and ceilings, both dry and in conventional damp or humid environments, such as bathrooms and kitchens, whether new or in the process of renovation and restoration, can be used on practically any kind of dry, cured and consistent surface (plasterboard, plaster, previously painted surfaces, texturglas, etc.). For construction and civil engineering works, and communal areas in the food industry, health sector, public sector, or the pharmaceuticals and cosmetics industry in general.

HOW TO APPLY: Carefully protect all surfaces that are not to be treated from splashing. Application can take place

at ambient and surface temperatures as low as 5°C. DISPERLITH Hygienic should be applied undiluted in two coats using brushes, rollers or airless spray guns. The surface must be clean, free of hygroscopic salts, microorganisms, etc. and, should such be required, must be duly primed. Do not apply the second until the first coat has lost its wet sheen and is dry to the touch (in normal conditions, of around 20°C with a humidity of around 60%, this will be in approx. 2-3 hours). Clean utensils immediately after use with water. For more information consult the specifications sheet and/or application guidelines, along with the safety sheet.

AVERAGE YIELD: DISPERLITH Hygienic has a yield of approx. 4-5 m²/l, applied in two hands although this can vary considerably, depending on how it is applied and the texture and absorption of the surface.

DISPAINT Hygienic Forte

Hygienic waterbased enamel with high resistance to attack of mold and microorganisms, easy application and renovation, fast drying and exceptional adhesion. For painting and renovating multiple surfaces up to medium stress on walls, ceilings, panels, fixtures, objects, wood, 3D prints, plastics, primed metals, alloys, mineral surfaces...



Cans of 5 and 12.5 litres

PROPERTIES: It is a multi-purpose hygienic sanitary enamel with matte-satin finish, thin film with exceptional adhesion to multiple types of surfaces, especially suitable for surfaces that can be attacked by mold and mildew. Formulated with modified acrylic copolymers in aqueous dispersion, low VOC, free of ammonia, APEO, formaldehyde, phthalates, BPA, heavy metals, polyhaloanisoles and polyhalophenols. Exceptional adhesion on previously enameled surfaces, mineral bases, wood, plasterboard, sandwich panels, plastics and 3D prints, primed metals, and also directly on stainless alloys. It presents neither tacking nor blocking after curing, is resistant to wet scrub class 1, low Voc, and low odor and also has CE marking tests. It is fast drying and dries at low temperatures (>3°C -60% humidity). It is a multipurpose aqueous enamel highly resistant to attack of molds and microorganisms, easy application, renovation and maintenance. With Declaration of Conformity, Performance and CE Marking.

BIOFILMSTOP SANITARY TECHNOLOGY (Article treated BPR Art.3): DISPAINT Hygienic Forte is a treated paint (BPR Art 3 and 58) with broad spectrum BioFilmStop antimicrobial Technology. With **effectiveness $\geq 99.9\%$** and tested in various official R&D&I projects and external reference laboratories, under various regulations ASTM D2574-06, ISO 846, ISO 22196, ISO 15457:201, ISO 21702, etc., **against bacteria and biofilm** (Staphylococcus aureus MRSA, Listeria monocytogenes, Salmonella enteritidis, Salmonella enterica, Pseudomonas aureuginosa, Legionella pneumophila....) **fungi and molds** (Aspergillus niger, Aspergillus brasiliensis, Candida albicans, Chaetomium globosum, Paecilomyces variotii, Penicillium pinophilum, Trichoderma virens...) **and viruses** (Human Coronavirus, Feline Coronavirus). The paints and coatings of Fakolith's sanitary range contribute to comply positively with CE 852/2004, are manufactured under HACCP and Good Manufacturing Practices (GMP) according to CE 2023/2006, improving hygiene and food and sanitary safety of surfaces and environments. FAKOLITH Sanitary Registration: RGSEAA ES-39.005259/T and ROESP E-0043-E.

MAIN USE: As a finish especially in the renovation and painting of surfaces up to medium physicochemical stress, susceptible to attack by mold and microorganisms, especially in the food industry, and also in the health sector, pharmaceutical and cosmetic industry, industry and civil works in general. For interior and exterior walls, baseboards and ceilings, various objects, 3D printing, marking and signage, plastic surfaces in general, wood surfaces, primed metals, aluminum alloys, galvanized, sandwich panel and other compatible surfaces. Mainly used

in food and auxiliary industry, health sectors, hospitals, clinics, in industry, civil works and public and private buildings in general.

PROPERTIES: Dispaint Hygienic Forte is an enamel with exceptional hardness and adhesion on multiple surfaces. Resistant to weathering, carbonation and alkalinity of the base. Good average resistance to most of the disinfectants and cleaners in use solution, according to DIN EN ISO 4628-2: 2004-01 (Higher resistance to acid solutions than to basic ones). **Tests CE marked** (Tecnalia) UNE-DIN EN ISO 1504-2:2005 after 7 days of curing applying 2 coats of 162.5 gr:

- Abrasion resistance. Weight loss= 40 mg.
- Permeability to CO₂ Class III Sd >50 m (223)
- Permeability to water vapor Class I Sd <5 m (2.07)
- Liquid water permeability $w < 0.1 \text{ Kg/m}^2\text{-h}$ 0.5 (0.01) Class III
- Tensile strength for rigid systems with traffic loads = 3.55 N/mm².

WAY OF APPLICATION: Applicable by brush, roller, Airless or Air-Mix.

SERIAL COLORS: White. Consult availability, price and minimum quantity for other colors of the FoodGrade chart or other RAL colors).

AVERAGE YIELD: DISPAINT Hygienic Forte has an approximate average yield of 4-8 m²/l. in 2-3 coats. Depending on the desired finish, the texture and absorption of the base coat can vary considerably.

For a correct application follow the indications of the technical data sheets, application guides and safety data sheets. In case of doubt consult our technical service.

DISPERLITH POX

High resistant and water-based epoxy hygienic paint that dries even at low temperatures. Treated with BioFilmStop technology against molds, bacteria and biofilm. Suitable for food industry, health sector, industry in general and where a high performance and low odor paint is required.



A+B kits of 2.5 and 10 l.

PROPERTIES: DISPERLITH Pox is a two-component, water-based epoxy paint with CE Marking, formulated using special epoxy resins, low emissions and low odour (Low Voc), free of APEO, ammonium, formaldehyde and heavy metals, waterproof highly resistant to abrasion, dampness/humidity and the consequences thereof, for interior use. DISPERLITH Pox forms a well-balanced film of paint, highly resistant to stains, easy to apply, quick drying, low odour and providing an excellent finish, in line with the DIN EN 13300 Standard, wet scrub resistance Class1 and coverage Class 1. Excellent adhesion on all kind of surfaces. Highly resistant to surface carbonation and alkalinity. It could be applied at temperatures as low as 2-3°C and up to a maximum relative humidity of 75%. Paint resistant to the most disinfectant cleaners according to Tests DIN EN ISO 4628-2: 2004-01 by TÜV SÜD Germany and/or Fakolith R&D+i (For more security, before use, ask your case to our Tech. Department). Available in white. Other colours consult availability and minimum quantity to order.

BIOFILMSTOP SANITARY TECHNOLOGY (Treated Article BPR Art.3): DISPERLITH Pox is an intelligent sanitary paint, treated with BioFilmStop Inhibition, highly resistant to biofilm bacteria and mould, DIN-UNE EN 15457:2008 (Aspergillus, Cladosporium, Penicillium, Algae...), as well as bacteria, ISO 22196:2011 (Escherichia coli, Listeria monocytogenes, Bacillus subtilis, Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enteritidis, Legionella pneumophila...). The paints of the DISPERLITH range positively contribute to compliance with (EC) 852/2004, are manufactured subject to HACCP and GMP (EC) 2023/2006, also notably improving HACCP, food safety and asepsis for the user company. With Statement of Compliance – Health Register FAKOLITH RGSEAA ES-39.005259/T and ROESP E-0043-E.

RECOMMENDED USE: DISPERLITH Pox is mainly recommended for use on walls, ceilings and skirting boards, and is compatible with most surfaces, duly primed should such be required, lacquer-finish sandwich panels, and to cover well-adhered previous coats of dispersion and/or priming paints. Resistant to cross-cut test Class 0-1 UNE-DIN EN ISO 2409:2007, the excellent qualities of this paint ensure that it functions as a hybrid, between a water-based dispersion and an epoxy paint, with improved physicochemical resistance, particularly in severe industrial, climate or sanitary conditions, for the food industry, health sector, and pharmaceutical or cosmetics industry in general, construction and civil engineering.

HOW TO APPLY: Carefully protect all surfaces that are not to be treated from splashing. Apply DISPERLITH Pox using brushes, rollers or airless spray guns. The surface must be clean, free of hygroscopic salts, microorganisms, etc. and, should such be required, duly primed. Following suitable preparation of the surface, slowly pour component A into component B (never the other way round), mix together gently using an electric mixer, for at least 2 minutes or until the components have blended completely together, and then leave to rest for 1 minute before starting to apply. When mixing always use complete batches of component A and component B, to avoid errors in the mixing ratio. Drying times and the length of time you will have to wait between coats will depend on the actual thickness of each coat, temperature, level of relative humidity and ventilation. However, generally speaking you will not have to wait for more than 1-4 hours before applying a second coat. Clean utensils immediately after use with water. For more information consult the specifications sheet and/or application guidelines.

AVERAGE YIELD: DISPERLITH Pox has a yield of approx. 2-5 m²/l, applied in 2 -4 hands although this can vary considerably, depending on how it is applied and the texture and absorption of the surface.

RENOLITH FK-32

Hygienic paint for a quick renewal, high resistance to dampness and its consequences. Treated with BioFilmStop technology against molds, bacteria and biofilm. Suitable for food industry, health sector, industry in general and in buildings with problems of moisture and microorganism.



Cans of 5 and 10 litres

PROPERTIES: RENOLITH FK-32 special dispersion paint, with a high capacity for covering, based on dearomatised solvents, with 100% pure acrylates, low odour, free of APEO, ammonium, formaldehyde and heavy metals, highly resistant to dampness and humidity, for interior use. RENOLITH FK-32 forms a well-balanced film of paint, highly resistant to stains, easy to apply, quick drying, low odour and providing an excellent finish, in line with the DIN EN 13300 Standard, wet scrub resistance Class 1 covering Class 2 (250 ml/m²), water vapour transpiration Class 1 (SD = 0.11) and water permeability Class 3 (W = 0,03). Paint resistant to the most disinfectant cleaners according to Tests DIN EN ISO 4628-2: 2004-01 by TÜV SÜD Germany and/or Fakolith R&D+i (For more security, before use, ask your case to our Tech. Department). Good adhesion, particularly on mineral or painted surfaces. It could be applied at temperatures as low as 1°C (free of ice and in dry atmospheres and surface conditions) and up to a maximum relative humidity of 75%. Available in white and other colours, consult possibilities.

BIOFILMSTOP SANITARY TECHNOLOGY (Treated Article BPR Art.3): RENOLITH FK-32 is an intelligent sanitary paint, treated with BioFilmStop Inhibition, highly resistant to biofilm bacteria and mould, DIN-UNE EN 15457:2008 (Aspergillus, Cladosporium, Penicillium, Algae...), as well as bacteria, ISO 22196:2011 (Escherichia coli, Listeria monocytogenes, Bacillus subtilis, Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enteritidis, Legionella pneumophila...). The paints of the DISPERLITH range positively contribute to compliance with (EC) 852/2004, are manufactured subject to HACCP and GMP (EC) 2023/2006, also notably improving HACCP, food safety and asepsis for the user company. With Statement of Compliance – Health Register FAKOLITH RGSEAA ES-39.005259/T and ROESP E-0043-E.

RECOMMENDED USE: RENOLITH FK-32 is mainly recommended for use in the renovation of interior walls and ceilings that suffer from stain problems, where a rapid, low odour application is required. Compatible with most surfaces, duly primed should such be required, and to cover well-adhered previous coats of dispersion or priming paints, resistant to cross-cut test Class 0-1 UNE-DIN EN ISO 2409:2007. Particularly recommended for use in severe industrial, climate or sanitary conditions, for the food industry, health sector, and pharmaceutical or cosmetics industry in general, construction and civil engineering.

HOW TO APPLY: Carefully protect all surfaces that are not to be treated from splashing. Application can take place

at ambient and surface temperatures as low as 2-3°C and up to a maximum relative humidity of 75%. RENOLITH FK-32 should be applied undiluted, in two coats, using brushes, rollers or airless spray guns. The surface must be clean, free of hygroscopic salts, microorganisms, etc. and, should such be required, duly primed. Do not apply the second until the first coat has lost its wet sheen and is dry to the touch (in normal conditions, of around 20°C with a humidity of around 60%, this will be in approx. 2-3 hours). The cleaning of utensils, or thinning if required, can be done using the foodgrade FK-45 OEM SOLVENT or FK-37 dearomatised solvent. For more information consult the specifications sheet and/or application guidelines, and the safety sheet.

AVERAGE YIELD: RENOLITH FK-32 has a yield of approx. 3-5 m²/l, applied in two hands although this can vary considerably, depending on how it is applied and the texture and absorption of the surface it is applied to.

DISPERLITH EXTREM

Hygienic paint for extreme situations, high resistance to humidity and its consequences, treated with BioFilmStop antimicrobial technology against moulds, bacteria and biofilm. Mainly used in extreme outdoor or well ventilated indoor situations. Solvent-based.



Cans of 12.5 l.

DISPERLITH EXTREM (FK-31) is a hygienic paint for extreme situations, treated with BioFilmStop (Art 3. BPR) antimicrobial technology with high resistance to humidity, and its consequences: biofilm, bacteria, mould, yeast, moss and algae. Formulated on the basis of solvent-modified acrylic copolymers (universal), free of ammonia, APEO, formaldehyde, phthalates, BPA, heavy metals, polyhalophenols and polyhaloanisoles. Matt finish in interiors and exteriors, excellent coverage and insulating power, waterproofing, adhesion, and drying from 0°C.

As a finish for open surfaces, walls and ceilings, channels, facades and civil works in interiors and exteriors. In the food industry, health sector, industry in general, construction and civil works. Available in white, light colours NCS or RAL. Especially suitable where water-based dispersion paints are not sufficient, and 2-component paints are complex to apply.

PROPERTIES: According to DIN EN 13300:2002 and DIN EN 1062-1 it is resistant to wet rubbing Class 1 ($<5 \text{ N}$), coverage Class 1 (250 ml/m²), transpiration water vapour Class V2 (SD= 0,65 [m]), and permeability to liquid water Class W3 (W24=0,0059 [kg/m²√24h]). Estimated Euroclass B-s2, d0. Excellent adhesion on multiple surfaces, resistant to weathering, carbonation and alkalinity of the base. Intura treated with BioFilmStop antimicrobial technology against bacteria, fungi and yeasts, algae and moss, qualitatively and quantitatively tested by Fakolith as an intensive R+D+i innovative SME, within the framework of ongoing official research projects, and according to ASTM D2574-06, ISO 22196, ISO 15457 standards. Paint with good resistance to most disinfectants and cleaners according to Test DIN EN ISO 4628-2: 2004-01 carried out by Fakolith's R+D+i department (In case of doubt, please consult our Technical Department).

CONSUMPTION - PERFORMANCE: Depending on the state and type of base, we recommend between 200-333 ml/m², applied in at least 2 coats, with a total yield of between 3 and 5 m²/l.

FK-37

Dearomatized solvent to dissolve the hygienic paint Renolith FK-32 and for the cleaning of tools after painting.



Cans of 1 and 5 litres

DESCRIPTION AND RECOMMENDED USE: FAKOLITH FK-37 is a special low odour solvent. For cleaning utensils that have been used to apply RENOLITH FK-32, FK-34 paints. It can also be mixed with these paints as a thinner, to prepare them for application using a spray gun.

HOW TO APPLY: With RENOLITH FK-32 and FK-37: Consult product specifications sheet.

AVERAGE CONSUMPTION: Variable depending on use.