

PRODUCT DESCRIPTION

CovidSafe is a user-attachable and replaceable temporary protective coating for contact surfaces. The product consists of coating material to be attached to surfaces, with antimicrobial multi-metal hybrid technology added to its surface layer.

APPLICATION

The product is designed for use as temporary protective cover on various contact surfaces. The product is suitable for use both indoors and outdoors. Severe environmental conditions and other aspects inducing wear; such as material, shape, or properties of the protected surface, might effect shelf life of the product.

ACTIVE INGREDIENT

The product's active ingredients are copper and silver. The antimicrobial properties of the active ingredient blending have been verified in the special level laboratory 3 (BSL-3) at the University of Helsinki. Verification was performed by using a live SARS-CoV-2 virus (COVID-19), incubation times of 1–30 minutes, and room temperature in the test conditions. The verification process involved a higher virus concentration which is normally found in non-laboratory conditions. Virus viability and antimicrobial properties were observed both visually and by using RT-PCR (Reverse Transcriptase Polymerase Chain Reaction) specification to determine the relative frequency of the RNA copies.

ADHESIVE

Solvent polyacrylate, repositionable with permanent final adhesion, grey.

BASE MATERIAL

Premium high performance polyurethane digital printing film (50 micron).

BACKING SHEET

Double sided PE coated RapidAir® ProSlide paper, one side siliconised, 158 g/m².

ADHESION STRENGTH

12 N/25 mm (FINAT TM 1, after 24h, stainless steel).

INSTALLATION INSTRUCTIONS

1. Clean the surface of any impurities. Use appropriate cleaning agent(s) and method(s) for the surface to be protected. In cold conditions, the mounting surface must be heated before installation. This avoids condensation formed by the dew point between the mounting surface and CovidSafe.
2. Remove the backing sheet from the CovidSafe coating.
3. Align and attach the CovidSafe coating onto the surface to be protected.
4. Smooth down the CovidSafe coating evenly onto the surface.

Use only on dry surfaces. When the product is installed on surfaces that are level or otherwise simple in shape, the minimum required installation environment temperature is 10°C. On more complex surfaces, an installation temperature of over 15°C is recommended.

INSTRUCTIONS FOR USE

The product is ready for use and works immediately after installation. The product's antimicrobial protective coating will wear in use. As the surface wears, a red control colour will begin to show. This red control colour revealed from under the coating indicates that the cover needs to be replaced in the near future. Once the colour turns white, replace the cover by tearing it off and install a new one. The old cover can be removed by tearing or using a heat gun.

Note the material and sensitivity of the mounting surface when removing the cover. Before installing a new cover, clean the mounting surface of adhesive residue and dirt.

Organic solvents induce wear on the CovidSafe surface, so you should avoid exposing the surface to these agents. These solvents include all alcohol-based cleaning agents, alcohol-based hand disinfectants, and ethanol.

APPLICATION TEMPERATURE

>+8°C.

TEMPERATURE RESISTANCE

Adhered to aluminium, -50°C to +100°C, no variation.

STORAGE

For storage and processing, they should be kept in a cool, dry place protected from sunlight. Relative air humidity between 40% and 50% and temperature between +18°C and +22°C should be ensured. Direct sunlight, storage beside radiators etc. should by all means be avoided.

SHELF LIFE

Use within two years from the date of manufacture. The shelf life as defined above remains an indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as warranty.

GRAPHIC REMOVAL

Fair to remove with heat and/or chemicals from supported substrates. No liability is given for ease or speed of removal of any graphic. Pay attention to adequate air and substrate temperature.

DETERMINATION OF RESISTANCE TO ABRASION

Test performed in according to SFS-EN ISO 7784-2.

CHEMICAL RESISTANCE

Test performed according to SFS-EN ISO 2812-4: 2017. The assessment was performed according to the standard SFS-EN ISO 4628-2: 2016.

WASHING RESISTANCE

Test performed according to SFS standard 3755. Washing resistance was tested with sodium carbonate and ethanol.

CLEANING

When necessary, you may clean the CovidSafe cover by using a mild general detergent. Do not use concentrated detergents, solvents, or hard scrubbing sponges for cleaning.

DISPOSAL

Follow the instructions and requirements of your local authorities in all waste management and disposal. For this product, the European Waste Catalogue (EWC) code is 20 03 01.

REACH

Based on our supplier's declarations we can confirm that this product does neither contain any substances in a concentration greater than 0.1 weight-% listed in the Candidate List of Substances of Very High Concern (SVHC) published by the European Chemical Agency (ECHA) nor substances listed in Annex XIV of Regulation (EC) no. 1907/2006.

The information in this product description serves as a guideline and is based on laboratory testing, practical experience, and data provided by the raw material suppliers. As the product manufacturer has no possibility to control the choice, installation process, or method of use for the targets in which the product is used, manufacturer only guarantees that the product complies with the criteria of manufacturer's quality assurance. Manufacturer shall not be liable for damages caused by incorrect or inappropriate use or installation of the product; or for damages caused by incorrect or inappropriate use in environments where persons who are highly sensitive or allergic to the product's active ingredients are exposed to the product for prolonged periods.