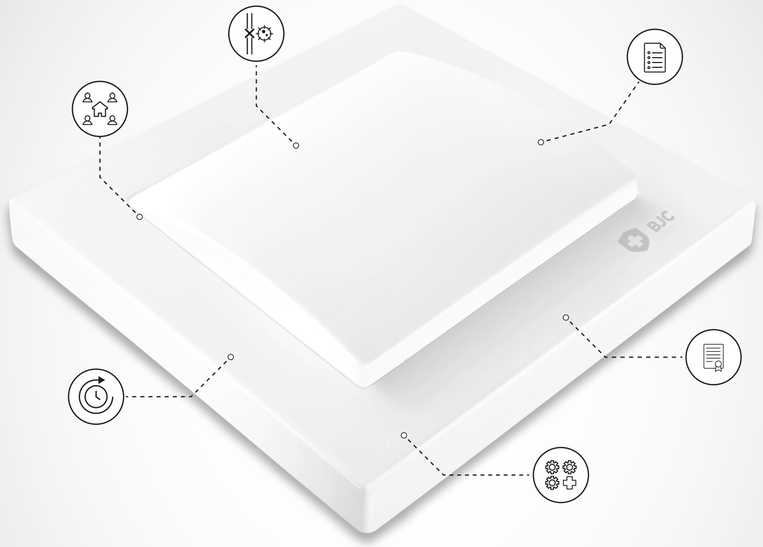
ANTIBACTERIAL

Product for new times

BJC presents its range of products with antibacterial finish for Iris and Iris Plus. This finish prevents the survival and transmission of microorganisms, making it the perfect ally to reduce the risk of pathogen infection through transmission by contact. The product has been designed for transit areas or high transit public places, helping to create more hygienic and healthy environments.



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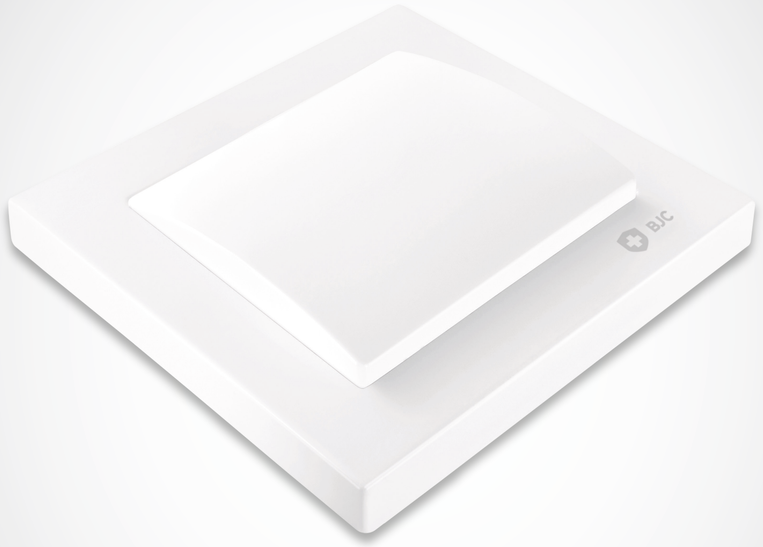
ANTIBACTERIAL SOLUTIONS

Prevents the survival and transmission of microorganisms

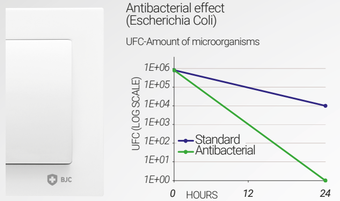


BJC

ANTIBACTERIAL PROPERTIES

Durability

The antibacterial agent is not applied with a coating, but is part of the material of the product itself. For this reason, the antibacterial properties do not wear off over time. Although the material wears away, silver ions are still present inside the product. The antibacterial finish is white in colour to indeed offer antibacterial properties.



Certification

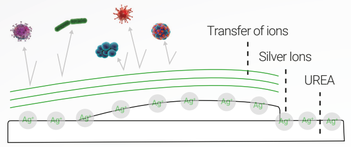
The antibacterial agent used has been registered in the U.S: FDA (Food and Drug Administration) and EPA (Environmental Protection Agency) and included as a biocidal substance in the EUBPR (European Biocides Regulation). The material used for this finish has been certified according to the ISO 22196 standards.

Common areas

Ideal product for installation in places where hygiene is a key factor, such as hospitals, residential care homes or welfare centres and in high-traffic areas such as restaurants, offices or residents' associations. All of them are places in which to is important to have control of factors that have polluting effects, as well as guarantee greater safety for residents, workers, customers and visitors.

The antibacterial agent

Silver ions act by interfering with the gas permeability of the membrane (cellular respiration). Once inside the cell, they alter its enzymatic system, inhibiting its metabolism and energy production and modifying its genetic material. The result is that the microorganism quickly loses all ability to grow and reproduce. One of the virtues of silver is that it is a broad spectrum antimicrobial. Ionic silver kills bacteria, fungi, viruses and protozoa. They are ecological, permanent and non-polluting. Unlike other chemical disinfectant products, its activity is continuous and long-lasting, and is not eliminated by cleaning the treated product. Its effect is also clean and innocuous for other living beings.



Main functions

An antibacterial finish has been developed for a wide range of the most common functions in the spaces where they are to be installed: broad and double switches, Schuko socket, RJ45 connector, switches for blinds, TV, key card switches and cord pulls.

Features

Antibacterial Urea maintains the excellent physical and chemical properties of Urea, such as thermal insulation, fire behaviour, chemical resistance, colour stability, etc. The main characteristics of Urea are detailed on the following pages. The dimensions of the parts with antibacterial finish are the same as the standard finish, so it is possible to exchange the installed parts for the new finish. Visually, there is not much change either, so a special logo has been added to the frame to be able to differentiate the antibacterial product.

Iris Plus with antibacterial finish

Iris with antibacterial finish

The antibacterial finish of the Iris and Iris Plus series is an effective defence against the transmission of microorganisms.

Urea + antibacterial finish

The antibacterial finish of the Iris and Iris Plus series is an effective barrier against the transmission of microorganisms.

Urea, once moulded, does not soften with heat, but rather hardens due to its internal structure. It has a series of qualities such as excellent chemical resistance, high resistance to bending and scratching, and it does not catch fire, which make it an extra safe material, as well as an excellent thermal insulator.

- Resistance to cleaning chemicals
- Scratch resistance
- Resistance to ultraviolet rays
- Resistance to high temperatures
- Non-fire propagator
- Ecological

The antibacterial functions of Iris and Iris Plus are identical in design to the standard Iris and Iris Plus range. Visual matching allows you to switch from the standard model to the antibacterial version if required.

BJC Antibacterial functions reference table

	Function	Iris			Iris Plus		
		Mechanism	Switch/ Cover	Frame	Mechanism	Switch/ Cover	Frame
	One-way switch	18505	18705-BF	18001-BF	18505	18705-BF	18011-BF
	Two-way switch	18506	18705-BF	18001-BF	18506	18705-BF	18011-BF
	Intermediate switch	18507	18705-BF	18001-BF	18507	18705-BF	18011-BF
	Double one-way switch	18509	18709-BF	18001-BF	18509	18709-BF	18011-BF
	Double two-way switch	18510	18709-BF	18001-BF	18510	18709-BF	18011-BF
	Double push-button	18511	18709-BF	18001-BF	18511	18709-BF	18011-BF
	Bell push-button	18516	18716-BF	18001-BF	18516	18716-BF	18011-BF
	Bulb push-button	18516	18717-BF	18001-BF	18516	18717-BF	18011-BF
	Schuko® socket	18524	18724-BF	18001-BF	18524	18724-BF	18011-BF
	Adapter for 1 RJ connector	19582-1	19782-BF	18001-BF	19582-1	19782-BF	18011-BF
	Double push-button for blinds	18565	18765-BF	18001-BF	18565	18765-BF	18011-BF
	Double switch for blinds	18569	18765-BF	18001-BF	18569	18765-BF	18011-BF
	TV/FM socket outlet	----------	18330-BF	18001-BF	----------	18330-BF	18011-BF
	Cord operated push-button	18521	18734-BF	18001-BF	18521	18734-BF	18011-BF
	Cord operated two-way switch	18598	18734-BF	18001-BF	18598	18734-BF	18011-BF
	Key card switch	----------	18068-BF	18001-BF	----------	18068-BF	18011-BF
	Schuko® with double USB AC sockets	18524-USBC	??????	18001-BF	18524-USBC	??????	18011-BF