



CERTIFICADO Certificate

File PM0205/0D.O.C.

Page 1 of 1

FABRICA ELECTROTÉCNICA JOSA S.A.U.
Av. De la Llana, 95-105
08191 RUBI (Barcelona)
SPAIN

Declaramos que los productos de nuestro catálogo con acabado antibacteriano cuyas referencias se presentan a continuación:

We declare that the products of our portfolio with antibacterial properties, which are listed below:

Productos con acabado antibacteriano (-BF) / Products with antibacterial properties (-BF)

IRIS / IRIS+

Teclas / Rockers: **187..-BF**

Tapa de toma de corriente / Socket-outlet cover: **18724-BF**

Tapa conector voz y datos / Cover for voice and data connector: **197..-BF**

Marcos / Frames: **18001/2/3/4-BF, 18102-BF, 18011/2/3/4-BF, 18112-BF**

Están fabricados con material UREA Carbaicar tipo A de Ercross, cuyas propiedades antibacterianas se detallan en la hoja anexa a este documento.

Are made of UREA Carbaicar Type A supplied by Ercross, whose antibacterial properties are detailed in the annex of this document.

Adicionalmente, declaramos que dichas propiedades antibacterianas han sido confirmadas por EUROFINs (laboratorio independiente), de acuerdo a la norma ISO 22196 (Medida de la actividad antibacteriana de superficies plásticas y otras superficies no porosas).

Additionally, we declare that these antibacterial properties have been confirmed by EUROFINs (third party Laboratory), according to the standard ISO 22196 (Measurement of antibacterial activity on plastics and other non-porous surfaces).

Rubí (Barcelona, Spain), 19-03-2021
Lugar y fecha / Location and date

Ignacio Martín
CEO

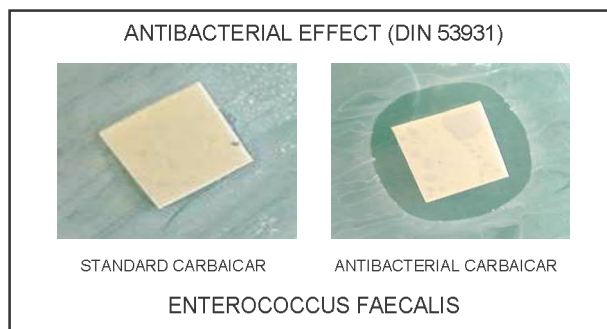
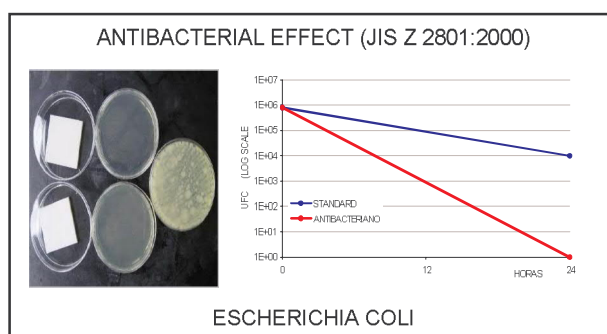
Anna Saballs
Quality Manager

CARBAICAR® TYPE A (ANTIBACTERIAL)

ERCROS has developed an urea-formaldehyde moulding compound – Carbaicar Type A, which has an antibacterial effect over a wide array of microorganisms. Carbaicar Type A has been developed to prevent the attack of microorganisms, mainly those that can be found in hospitals, hotels, restaurants, airports, etc.

The antimicrobial actions of Carbaicar Type A have been certified by Autonomous University of Barcelona according to JIS Z 2801:2000 and DIN 53931 standards on following microorganisms:

- Escherichia coli
- Klebsiella pneumoniae
- Proteus vulgaris
- Salmonella typhi
- Staphylococcus aureus
- Enterococcus faecalis
- Streptococcus pyogenes
- Candida albicans



Carbaicar Type A fosters antibacterial effect of standard Carbaicar, this effect is based in the natural action of silver ions as growth inhibitors of a wide array of microorganisms. The antibacterial agent of Carbaicar Type A has been registered in the Food and Drug Administration (FDA) under nº. FCN00432 and the US Environmental Protection Agency (EPA) under nº. 73148-3. It is also included in the list of active biocide substance of the European Biocides Regulation (EUBPR) under EINECS nº 608-534-1 and CAS nº 308069-39-8.

Carbaicar Type A maintains the excellent physical & chemical properties of standard Carbaicar, such as electrical insulating, flame retardant, chemical resistant, colour stability, non-irritating to the skin, etc.

2016.01

This statement provides additional information on legal and/or branch specific regulations on chemicals for our products not covered by the material safety data sheet. This information is based on our present knowledge and experience. The data in our information sheets and statements does not imply either a warranty nor the contractual agreement on the properties of our products and it implies no liability or other legal responsibility on our part. For additional information please consult the Safety Data Sheets and Technical Data Sheets to our products. We reserve the right, however, to make any changes as required by law, further developments or as required by technical progress. You may ask for additional information or an updated version, if required. Partial or full publication either in printed or electronic form (e.g. via Internet) by others is not allowed without our written permission.