

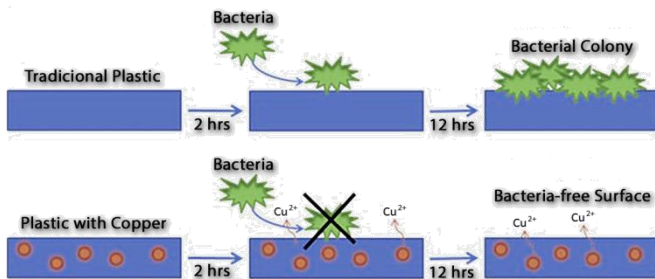


PlastiCopper

Experts in Nanotechnology and Antibacterial Copper

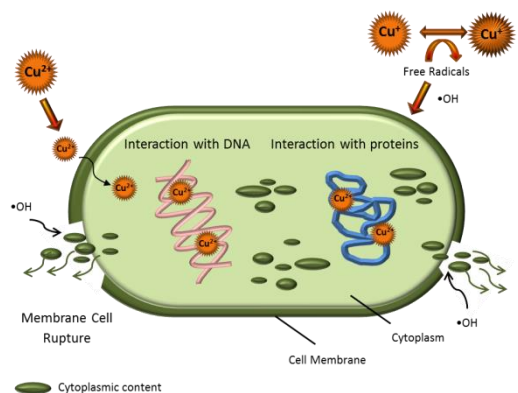
ANTIMICROBIAL TECHNOLOGY PLASTICOPPER*

PlastiCopper provides antimicrobial solutions based on copper nanotechnology by developing additives that may be incorporated into various polymeric materials such as plastics, paints, resins, fabrics, etc. With Plasticopper technologies, the antimicrobial properties of copper, known for centuries, can be transferred to a wide variety of products thus preventing the spread of harmful microorganisms.



Copper has greater efficacy against microorganisms that are not affected by other antimicrobial agents. Copper ions that are released from our additives interact with the cells of microorganisms, causing their death.

Using nanotechnology enables controlled and prolonged release of the active agent ensuring efficient and long lasting protection over time.



*Patents are property of Universidad de Chile, licenced exclusively to PlastiCopper.

For more information: info@plasticopper.com
<http://www.plasticopper.cl>





Antimicrobial additive Plasticopper applied in murals of Debra Foundation for Children with Crystal Skin

TECHNICAL SPECIFICATIONS FOR COATINGS ADDITIVE POWDER

DESCRIPTION

Concentrated inorganic additive based on copper nanotechnology, green-blue coloration.

USES

Concentrated bactericidal agent to be incorporated into textiles, masterbatches, synthetic resins, emulsions, paints, coatings and other applications.

PROPERTIES

- Broad spectrum of activity against microorganisms
- Does not modify the quality or applicability of the final product
- Non-toxic
- Non-irritating and non-dermal sensitizing
- Low environmental impact
- Stable in a wide pH range
- Stable at high temperatures (over 250 °C)
- Nonflammable and noncorrosive

APPLY

Apply at concentrations from 0.1% to 5% in the final product. It is recommended to disperse the additive before applying to ensure even distribution.

STORAGE

Product can be stored at room temperature, in a cool, free of moisture place, and tightly closed.

