

Paints for meat industry



Meat as food and export good occupies a leading position in Europe. Meat processing industry is characterized by the high quality of products and hygienic conditions of manufacture and storage. These requirements are well known to Alcor company. For years, we specialize in the distribution and production of hygienic coatings including coatings for the meat industry. We are aware that meat is a material microbiologically unstable, and its quality is largely dependent on storage conditions, especially if we are dealing with raw unpackaged goods.

GALVI meets the strictest technical - sanitary requirements and ensures the microbiological cleanliness of the rooms on each stage of production and storage. GALVI paint is also very durable coating available in any color and in the price of a typical painting products.

Our coatings are designed especially for facilities with high hygienic standards. Based on years of experience and consultation with leading meat producers we know that the very big concern of this industry are fungi and molds growing on walls and ceilings in production halls and sanitary rooms.

25 years of experience and proven products provide the highest standards at every stage of the production process. We guarantee professional help in selecting the appropriate paint systems and in preparation of the technical specifications.

Important: Our products do not contain organic biocides!

Eco-friendly, antifungal paint GALVI manufactured by Alcor has been developed within the framework of the Operational Program 2014 – 2020 which is funded by the European Regional Development Fund. The Fund supports projects that contribute to the growth of innovation and research activities in the EU. GALVI is a completely Polish technology that is a subject of patent applications no: P.400025, P.404011, P.399686.



Eco - Friendly



Safe



With hygienic certificate

Brand New range of products - GALVI



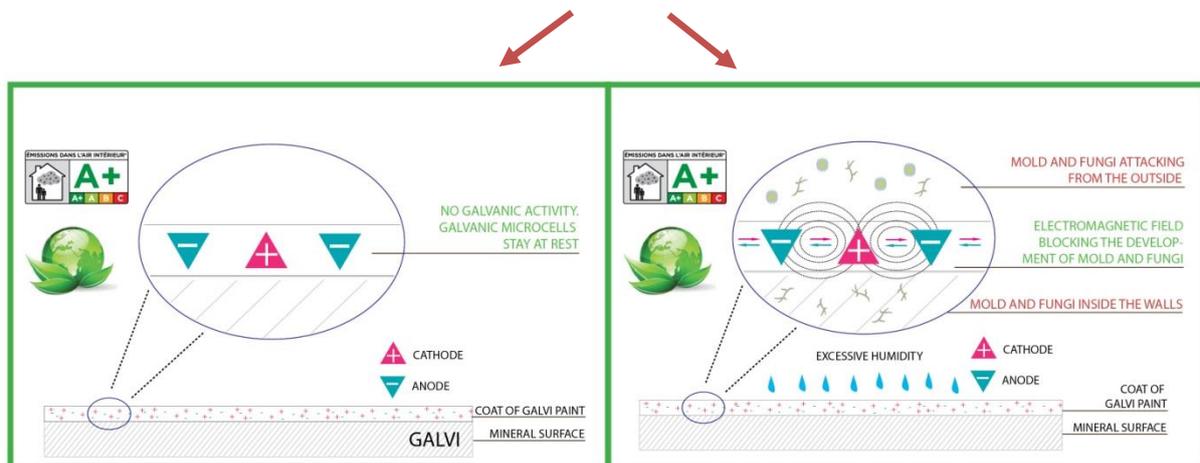
GALVI range of products is a comprehensive solution for decorative and hygienic finishing walls and ceilings. Especially recommended for objects exposed to moisture, and harmful micro-organisms as well as for prophylactic use in any other room . GALVI is a complete system of antifungal protection of walls, ceilings and facades. GALVI creates on the surface of the application "smart" coating, which when excessive growth of moisture penetration activates galvanic microcells, protecting surfaces against attacks of mold and fungi . With the use of galvanic microcells of copper and zinc (Zn, Cu) technology GALVI is characterized by exceptional effectiveness in fight against pathogenic fungi and molds.

GALVI range includes:

GALVI - for protection against fungi / mold and decoration of wall and ceiling. Designed **for indoor applications** particularly exposed to moisture as well as for use in all other areas where it is required to maintain the highest standards of hygiene: **bathrooms, kitchens, laundry rooms, food industry, etc.**

GALVI PLUS – 400% flexibility. For protection against fungi, mold, mildew, aging, damage and the penetration of water into the walls and elevations, as well as in basements, garages, underground car parks, halls, warehouses, etc. Resistant to frequent cleaning. **For indoor and outdoor use.** Designed for application in areas particularly exposed to moisture and to use in all other areas where it is required to maintain the highest standards of hygiene: **elevations, lower parts of the walls in the food industry, staircases etc.**

How does it work?



Proper ventilation / low humidity

Excessive humidity/condensation

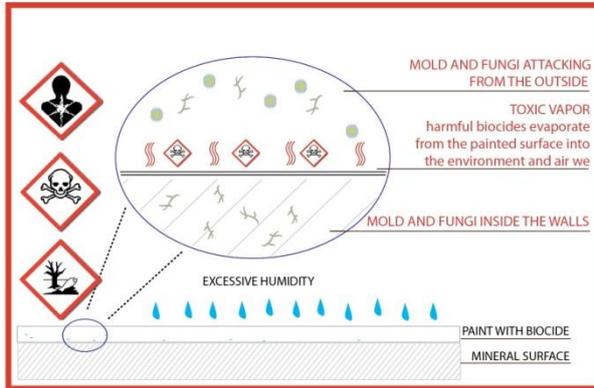
Galvanic microcells stay at rest

Galvanic microcells active

Comparison of hygienic paints activity

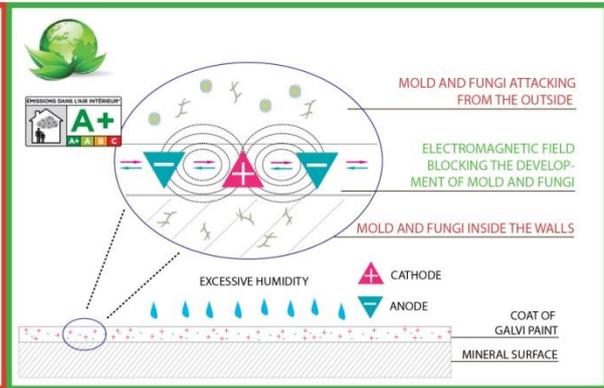
Paint with organic biocide

PAINT WITH ORGANIC BIOCI



Biocontrol Paint GALVI

GALVI



Comparison of hygienic paints effectiveness

Paint with organic biocide



Biocontrol Paint GALVI



A simple comparative experiment shows that in terms of pathogenic fungi GALVI paint containing microcells of zinc and copper is much more effective than paints containing hazardous biocides (eg. Triclosan) as a fungicide.

GALVI system in practice

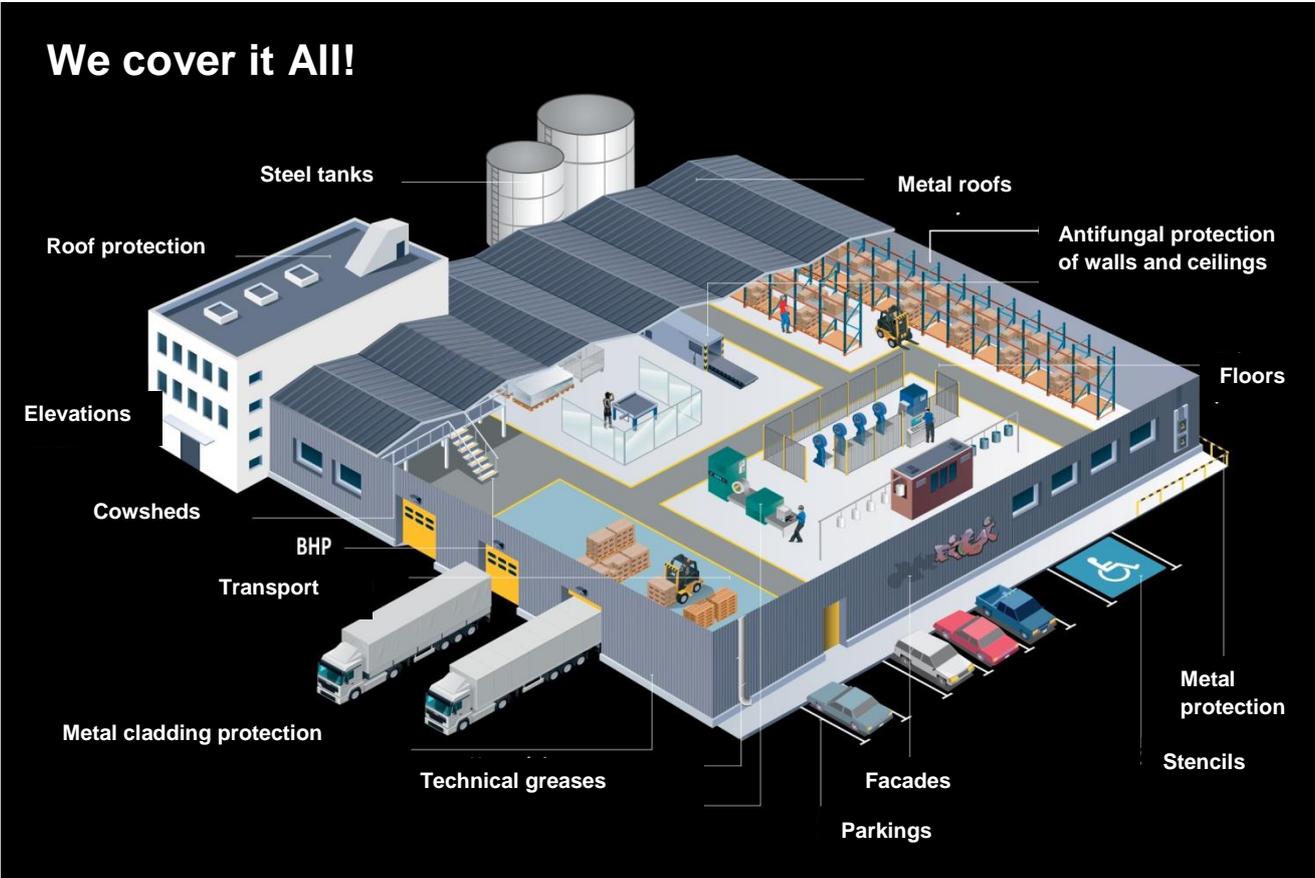


Before application: ceiling in sanitary facility infected with fungi and mould. Visible dark spots.



2 years after GALVI system application – Lack of microbiological contamination.

**Areas of application of protective coatings offered
by Alcor Ltd.**



Object	Conditions	Surface	Recommended system
COWSHED			
Walls, down part, up to 2 m	Warm, humidity, condensation, frequent cleaning	Concrete, brick, plaster, tiles	High build epoxy system, smooth and easy to clean, chemical resistant Products: 5500, 9100
Upper parts of the walls, above 2m	Warm, humidity, condensation, frequent cleaning	Concrete, brick, plaster	Resistant to moisture, mold and fungi coating GALVI
Floor	Warm, humidity, high exposure, frequent cleaning	Concrete, tiles,	High build epoxy system, smooth and easy to clean, chemical resistant with antislip additive: Products: 5500, 9100, NS200
Steel gate	Warm, contamination, frequent cleaning	Steel, galvanized steel	Anticorrosion paints, easy to clean and chemical resistant. Products: Alkythane 7500, 9100, 9600
SLAUGHTERHOUSE, WET SURFACE			
Walls	Warm, high humidity, contamination with blood and fats	Concrete, ceramic tiles	High build epoxy system, smooth and easy to clean, chemical resistant For tiles special adhesive primer 3333. Products 3333, 5500, 9100
Floor	Warm, high humidity, contamination with blood and fats	Concrete, tiles	High build epoxy system, smooth and easy to clean, chemical resistant and resistant to liquids Products: 5401, 5500, 9100
Cutting room			
Walls - down parts, up to 2 m	Contamination with blood and fats	Concrete, ceramic tiles	High build epoxy system, smooth and easy to clean, chemical resistant and resistant to liquids For tiles special adhesive primer 3333. Products 3333, 5500, 9100
Walls - Upper parts- above 2m	High humidity,	Concrete, brick, plaster	Resistant to mildew and fungi, easy to clean coating GALVI PLUS
Ceiling	High humidity	Concrete, brick, plaster	Resistant to moisture, mold and fungi coating GALVI
Floor	Contamination with blood and fats, frequent cleaning	Concrete	High build epoxy system, smooth and easy to clean, chemical resistant and

			resistant to liquids With antislip additive. Products: 5401, 5500, 9100,NS
COLD ROOM			
Walls	Low temperature, artificial light, risk of mould and fungi development	Concrete, brick, plaster	Resistant to moisture, mold and fungi coating GALVI , or gastight coating DacillFrigo. Products: GALVI, DacillFrigo
Floor	High industrial exposure, low temperature	Concrete, brick, plaster	Fast drying paint 9700 , approved for food contact Epoxy high build paint approved for food contact 5500 . Antislip additive if required
BOILING ROOM			
Walls - down parts, up to 2 m	High temperature, high humidity, fat fumes	Concrete, brick, plaster	High build epoxy system, smooth and easy to clean, chemical resistant and resistant to liquids and moisture Products: 5500, 9100
Walls - Upper parts- above 2m	High temperature, high humidity, fat fumes	Concrete, brick, plaster	Resistant to moisture, mold and fungi coating GALVI
Ceiling	High temperature, high humidity, fat fumes	Concrete	Resistant to moisture, mold and fungi coating GALVI
Floor	High temperature, high humidity, fat fumes	Concrete	High build epoxy system, smooth and easy to clean, chemical resistant and resistant to liquids and moisture, antislip additive Products: 5500, 9100, NS 200/300
MEAT TRANSPORTATION			
Inner walls of truck	Hygienic, cold, lack of contamination	Galvanized steel	High build epoxy system, smooth and easy to clean, chemical resistant and resistant to liquids 5500. For very smooth surface adhesive primer 3333. Products: 3333, 5500, 9100

BUILDINGS OUTSIDE			
Metal cladding	Weather conditions, chemicals exposure	Steel pannels	Acrylic, flexible anticorrosion system Peganox/Noxyde ,
External walls	Weather conditions, chemicals exposure	Concrete, brick, plaster	Resistant to moisture, mildew, fungi, lichens and weatherproof coating GALVI PLUS
Roofs	Weather conditions, chemicals exposure	Galvanized steel, bituminous coatings	Steel roofs: Anticorrosion system Peganox/Noxyde Bituminous roofs : flexible cating Dacfill/Dacfill HZ
Steal construction	Weather conditions, chemicals exposure	Steel, galvanized steel,	Alkyd system: Rust primer 769, 7500 chemical resistant topcoat easy to clean or Acrylic system, very durable: Peganox/Noxyde.