

OUR LATEST DEVELOPMENT

ANTIMICROBIAL WATER-BASED VARNISH



Z-CARD® is pleased to present their latest development: the first **antimicrobial water-based varnish** for the graphic industry. This invention is unique throughout the world and has a highly effective antimicrobial function for the most diverse types of printed matters.

THE PROBLEM

Germs can be found on all types of surfaces. Everything that is passed through multiple hands potentially serves as a “transporter” for **germs** such as **bacteria**, **viruses** or **fungi**. These can also include germs that can cause serious illnesses. Although this is minimal for printed matter, the transmission of germs with this varnish is reduced to a minimum.

THE SOLUTION

Until now, it has not been possible to apply a reliable varnish to absorbing materials such as paper and cardboard that continuously and **permanently kills germs** and sustainably **increases the security of printed matters**. This new antimicrobial agent has been discovered by a research group at the University Hospital Regensburg. They succeeded in further developing and using this active ingredient for the graphic industry.

NO GERM TRANSMISSION

The varnish will coat the Z-CARD® with an antimicrobial agent, which makes it the perfect solution for staff and patient brochures in hospitals, pharmacies and other healthcare locations. There will be no germ transmission between healthcare provider and patient. Other industries that can profit of it are food industry, online shops and delivery services.



A small change
can have a
big impact!



WANT TO KNOW MORE? Get in touch with your Sales representative for details.

Let's protect your receivers and discuss the possibilities Z-CARD® can offer for your marketing campaign.

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