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# **EXOCOAT Technology**

Innovative technologies such as represented by nanotechnology create smart and functional coatings for applications on plastic, glass, metal, wood or mineral substrates. They are ideally suited for building and construction, automotive and transportation, aviation and marine industries.

# The EXOCOAT range is based on various technology

Sol-gel-technology is a versatile technology to modify the nature of a surface. For example, a metal surface can be converted into an inert anticorrosive layer. Likewise, plastic can be given an easy to clean function.

Superhydrophobic spheres create nano structures which may be compared with natures lotus leaf effect that achieve contact angles to water greater than 140°.

**EXOCOAT Applications** 

The organometallic preceramic polymers are excellent materials for durable, weather resistant easy to clean or anti-graffiti coatings.

Sol-gel prepared nano-titanium oxide particles are used as self-cleaning and hygienic materials capable to eradicate dirt and microbial contamination. A light source comparable to office light or stronger is enough to activate the photocatalytic eradication

The EXOCOAT technology can be used to enable the manufacture of smart and functional coatings or can be applied directly as ready to use coating to surfaces in an OEM environment or in end applications to provide specific features.

EXOCOAT products are developed to suit common coating application methods such as spray, roller, brush or wipe.

| EXOCOAT 143                           | Ceramic based technology for automotive, yacht and anti-graffiti coatings        |       |
|---------------------------------------|--|-------|
| EXOCOAT AM                            | Nanosol for effective microbial eradication on any surface                       |       |
| EXOCOAT Clearview                     | Completely transparent sol-gel coating for superhydrophobic, easy to clean glass |       |
| EXOCOAT 151                           | Photocatalytic nanosol for self-cleaning and superhydrophilic surfaces           | (NEW) |
| EXOCOAT AC                            | Chrome free anticorrosion conversion coating                                     |       |
| EXOCOAT SH                            | Superhydrophobic coating for mineral substrates                                  |       |
|                                       |  |       |
| Find out more on our Exocoat products |  |       |





by scanning the QR code.

www.exocoat.eu



## **EASY TO CLEAN**

With our E2C solutions dirt and soil don't stick and can be easily wiped





## **ANTI-GRAFFITI**

Our Anti-graffiti resins are designed for Protective and Transportation coatings specifically. They can be applied on metal as well as on glass, concrete and plastics.





#### **SUPERHYDROPHOBIC**

Achieve contact angles of 140° and more with our nano-spheres.





#### **ANTICORROSION**

Effective sol-gel based conversion coatings replacing hexavalent chromium on aluminium.





#### **ANTIMICROBIAL**

Keep surfaces hygienically clean. Provide continuous eradication of pathogens from surfaces and air.





#### **SELF-CLEANING**

Create self-cleaning and air purifying surfaces with an invisible layer of a photo-active nano titanium dioxide based coating.



