

ANTIBACTERIAL & ANTIVIRAL COATING SYSTEMS



Antibactériel



Waterborne



Solventborne

PRINCIPLES

- Antiviral and antibacterial coating solutions are a selected range of paint systems in which active components are added to achieve the desired effects: antibacterial, antiviral, antimicrobial.
- As the paint is the vehicle through which the active components are applied, the historical usage must be considered in the customers application process. So, the end result is a system that combines the activate components with the appropriate paint technology.

CERTIFICATION

- For each application we offer we can incorporate the appropriate certification standard to demonstrate the effectiveness of the solution.

STRATEGIES

- To provide antibacterial / antiviral solutions, we utilize the following technologies as active components:
 - Silver ions: this strategy provides an approach compliant with the majority of the paint technologies although it has some limitations in effectiveness which may be adapted through formulation. As a baseline, this technology allows us to reach the ISO 22196 standard.
 - CAAM: this formulation is composed of a complex mix of antiviral and antibacterial molecules which allows us to increase efficiency and to achieve the antimicrobial effects. This application meets both ISO 22196 & 21702 standards and others listed on the left, per the customers requirements.

		SUBSTRATES			
		Plastic / ABS	Steel	Stainless steel	Glass
PAINT SYSTEMS	Top Coat PU 2K 31305 (Solventborne)		Silver Ions CAAM*		
	Top Coat PU 2K 31358 (waterborne)		Silver Ions CAAM*		
	Monolayer PU 2K (waterborne)		ISilver Ions CAAM*		
	Basecoat PU 2K 31515 (waterborne)	Silver Ions CAAM*			
	Acrylic baked-on Base coats (waterborne)			Silver Ions* CAAM**	Silver Ions* CAAM**

*compliant ** pre-assessment required

TECHNOLOGIES

Silver Ions
CAAM (complex antibacterial & antiviral mix)

STANDARDS

ISO 22196 / ISO 21702 / NF S90 700 /
ASTM G21-15 / ISO 846 A / ISO 846 B

BASIS

Waterborne / Solventborne

REGULATIONS

Biocide Product Regulation
N°528/2012
TP 2,4,7 & 9
No SVHC
ROHS Ok