



EXOCOAT AM

General Information

EXOCOAT AM is an antimicrobial coating with a long-term biocidal effect.

Substrate for all applications

- Interior: not specific (Aluminium, painted metal, lacquered surfaces, glass, plastics).
- Exterior: bare metals, tiles, mineral substrates, rendered walls

Application by Spray

Invisible but perfect spray finishes can be obtained by either Conventional or Rotary bell spray.

Operating instructions

- 1) Make sure the surface is dry and free from contamination (dust, oil). If required clean with, for example IPA, ethyl acetate or mineral spirits. Do not use cleaning agents or detergents prior to the application of EXOCOAT AM
- 2) Use the coating material as supplied
- 3) Put the coating in the designated reservoir
- 4) Spray using below recommendation

Conventional Spray	Automized Rotational Bell Spray
<p>Commercial brands: Sata, Devilbiss, Iwata, Sames Kremlin, Graco</p>	<p>Commercial brands: Durr, Sames kremlin, Graco, Carlisle</p>
	
<p>Nozzle size: 0.8 to 1.2mm Pressure: 3 bar Passes: 1 (transparent and glossy surfaces) 2 (mat surfaces, mineral substrates) Distance: 40 cm DFT: 100-400nm</p>	<p>Bell Rotation: 50000-70000rpm Bell (smooth/notched): Both possible Dress pressure: 1 bar Vortex pressure: 0 bar Distance: 20 cm Speed: 0.4 to 0.6 m/s Flow: 50 cm³/min DFT: 100-400nm</p>



The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

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Instructions for Use

Application by Cloth/Wiping

EXOCOAT AM can be wiped, though it is not the preferred method of application as the result may show stripes and light interference (rainbow effect). As a consequence, we do not recommend the wiping method for glass or glossy surfaces. The application of wiping by cloth generates very thin films below 1.0 micron.

Materials required:

- Polishing cloth: polyester microfiber



Operating instructions

- 1) Make sure the surface is dry and free from contamination (dust, oil). If required clean with, for example IPA, ethyl acetate or mineral spirits. Do not use cleaning agents or detergents prior to the application of EXOCOAT AM,
- 2) Use the coating material as supplied,
- 3) Pour a few drops on the wiping cloth. A quantity of 5-10 drops/m² is recommended,
- 4) Wipe on the surface with light pressure making linear movements to cover the whole surface.

Application by Cold fogger

Hand held foggers may be used to spray a mist of EXOCOAT AM in a room. The ultrafine particles will land on surfaces and activate in an antimicrobial coating layer. Using this method requires utmost care and personal protective equipment mandatory such as elastomeric full-face respirators.

Operating instructions

- 1) Fill the reservoir with EXOCOAT AM
- 2) Turn on the fogger
- 3) Fog the room entirely
- 4) Wait for several hours to let the fog settle
- 5) Ventilate the room for 30 minutes



Brands like Vectorfog, Octopus, Longray, HSV, Hurricane all have foggers from the small end (1-2l) to larger end (100-1000l)

Electrostatic foggers may be used as well (often an option on cold foggers).

Curing conditions

- EXOCOAT AM cures quickly at room temperature.



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