

Airless spray method



Airless spray method for ROMEX[®] coatings

ROMEX[®] coatings and sealants with time and money saving airless spray method for floors, walls and ceilings

Time is a major factor on most building sites. Work usually needs to be completed in a very short time and coatings need to have a perfect appearance and optimum characteristics. Thanks to use of the airless spray method, these requirements can now be fulfilled even better.

ROMPOX[®] 1009 Open to steam diffusion sealant is used with this method for thin coatings. Floors, walls, ceilings and angled rooms can be coated easily and efficiently using this method. ROMPOX[®] 1009 Open to steam diffusion sealant is excellent for use on cementbound surfaces that have rising damp. Thanks to its good water steam permeability, it can also be used on magnesite and anhydrite screeds as well as a sealant for hard poured asphalt indoors.

ROMPOX[®] 1009 Open to steam diffusion sealant has the following properties:

- | | |
|--|--|
| • Epoxy resin based | • Water emulsifiable |
| • Open to steam diffusion | • Suitable for surfaces in contact with the ground |
| • Suitable for indoor and outdoor use | • Suitable for stadium stands |
| • Lightly structured surface | • Can be made nonslip by use of quartz sand |
| • Fulfills fire class B1 (flame resistant) | • More than 40 standard colours |

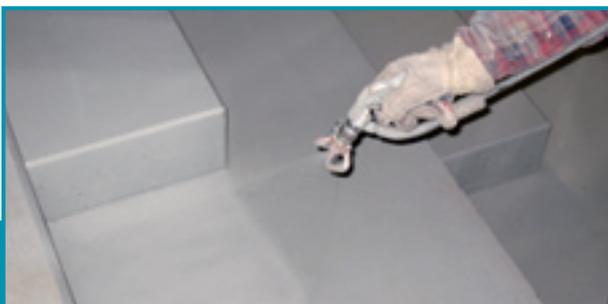
Areas of application:



Stadium stands



Private garages



Quick and clean



Wall coating

Advantages of airless spray method:

- | | |
|-------------------------------|---|
| • Large surface, fast working | • Visually attractive appearance, thanks to no roller marks |
| • Simple application | • Low material consumption |
| • Fast drying | • Ideal for hard to reach or angled areas |
| • Huge saving in time | • Lower costs |

Airless equipment

Function

The airless spray method uses an electric, pneumatic or petrol powered motor pump to induce pressure to the material and spray a defined amount of material up to a pressure of 540 bar through an injector nozzle thus distributing the material as spray.

Recommended equipment

- **Airless equipment with membrane**

Division of material transport and machine system, thus ease of cleaning enabled.

- **Airless equipment with piston**

More power, but more work involved in cleaning.

Equipment powered by compressors, does not produce additional heat as opposed to electric or petrol powered equipment, thus the entire pot time can be used fully. Thus equipment powered by compressors is preferable.

Transportable equipment can be placed on a trolley with the material.

Requirements

The airless equipment needs to eject the material at pressures of approx. 160 - 200 bar (dial with pressure gauge). The nozzle (stainless steel) should have a diameter of $>0,033$ mm (standard size 13 nozzle or size 15 to 17 nozzles can be used for larger surfaces). Cleaning is done by spraying water through the system until no material is left. End of the day final cleaning is done using a solvent. Cleaning in between work is only required, if work comes to a standstill.



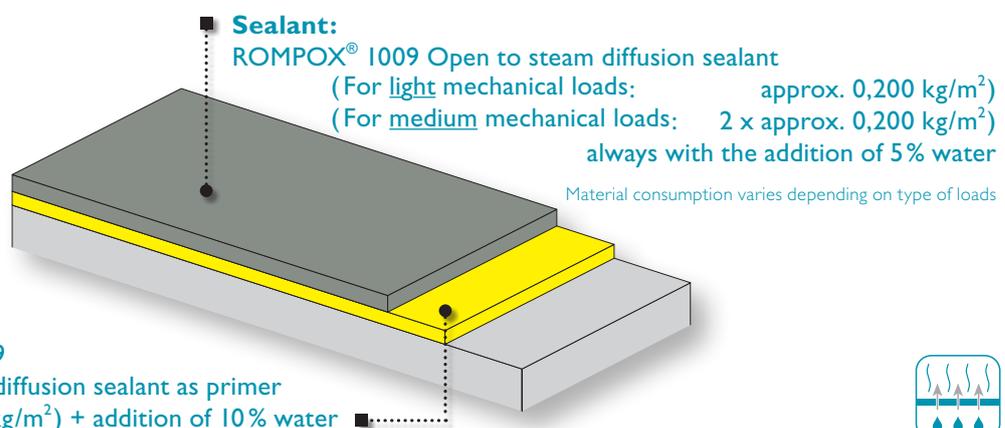
Example of a piston airless machine being used



Membrane airless machine with compressor drive



Easy to clean reversible nozzle for all airless machines



System setup ROMPOX® 1009 Open to steam diffusion sealant, sprayable (cementbound surfaces)

ROMEX® Worldwide trademark for our customers

ROMEX® has, for decades now had, a major influence on the development of EP and PU coating and sealing systems. Our main focus on industrial flooring has given us a good reputation as experts in this area. Comprehensive consultations with planners and owners as well as technical service support during application have strengthened this reputation. By working with our local commercial representatives and the ROMEX® trained, local business partners, we are able to achieve the necessary assurance for our customers to guarantee problem-free completion of projects.

Further ROMEX® products for all industrial and production areas are sold by ROMEX® partners in more than 20 countries. For example:



Melexis, Microelectronics Manufacture



City Taschkent, Exhibition hall



TRIBECO, Drinks production



Swissôtel The Bosphorus, Carpark



VW, Automobile works



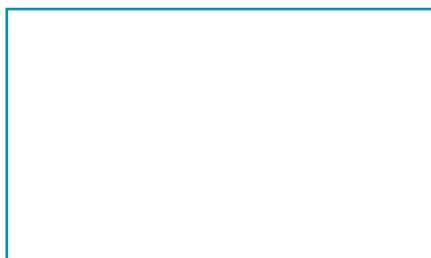
O2, World Arena

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ROMEX® partners, representatives and subsidiaries can be found worldwide.

Please call, we will be happy to help!