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Manufacturer**



MS WESTFALIA GmbH
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Blanc Modular Cleanrooms



MS Westfalia GmbH produces:

**ENT Equipment • X-Ray Equipment • Modular Cleanrooms
Cosmetology Equipment • Physical Therapy**

Blanc MS Westfalia GmbH Modular Cleanrooms



Blanc Modular Cleanrooms – features

- Joint minimized monoblock construction
- Certified, long-term strong surfaces
- Certified air and particle density
- High static boarding capacity
- Tool feature by sandwich construction
- Non-organic, microbiologically passiv insulation
- Application differentiated, metallic top layers and coatings
- Exclusion of unchecked interstices
- Fire protection according to German DIN 4102
- The flexible mono-block wall system for clean rooms and sensitive production areas



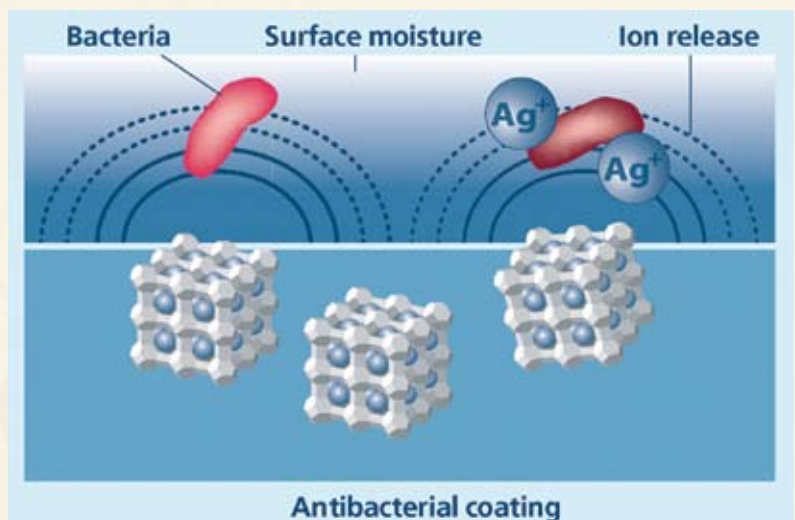
Clean room windows with double glazing

Blanc cleanroom windows are glazed flush with the surface and are integrated with the proven clip-in system. The glazing can be carried out selectively for float glass, single pane safety glass and multilayer glass. Window sizes from 400 to 1200 mm width and 400 to 2000 mm height are available in a 200 mm grid. Special sizes can be supplied on request. The elements joined to the wall are permanently elastic grouted with silicone. The clean room window is supplied as a closed block, so that it cannot be contaminated on the inside during assembly at the building site.



Antibacterial Coating

The novel powder coating for cleanrooms offers active and long-lasting protection against microorganisms including in the areas of joints difficult to reach when carrying out normal cleaning. The targeted release of natural silver ions leads to bacteria and fungi dying on contact with the upper surface. It works in three ways: it blocks cell metabolism, prevents the cell from breathing and stops cell division resulting in the microorganisms dying on contact with the upper surface.





Wing doors which adapt themselves seamlessly to your requirements

Flexible one- or two-leaf cleanroom wing doors consist of galvanized and powder coated steel sheets. Polyurethane foam or mineral wool is used as pressure resistant insulating material. They adapt seamlessly to individual room requirements.

As an option, the door can be equipped with an automatic sink seal in the threshold. The doors are equipped with three maintenance-free door bands which can be adjusted in three dimensions. All fittings are made of aluminum as standard, however, on request they can also be supplied in

stainless steel. Further additional equipment such as surface-flush glazing or equipping with an over-door closer is available.

By equipping the one or two leaf wing doors with an electro-magnetic closing mechanism, they additionally offer the function of a lock. Here you can choose whether the locking is to be carried out via electric locks or sticking magnets. An operating and display panel with integral emergency-OFF button is worked into the frame on the inside and on the outside.



Panel ceiling RR 80 D Made-to-measure and quick assembly

The ceiling consists of made-to-measure sandwich elements. The coating is constructed with galvanized and powder coated steel sheeting of 0.6 mm thickness. The core consists of polyurethane foam or mineral wool as compression-proof filler and insulating material. The panels are finished with a tongue-and-groove system and are supplied up to a width of 1200 mm. The sealing of the joints is carried out permanently elastic with silicone or acryl. The overhanging span is 2500 mm for mineral wool and 6000 mm for PUfoam. For larger spans or walk-on ceilings, the elements must be mounted on the constructed ceiling with the supplied suspensions. The fitting of lamps, air vents and other accessories is possible at any time.

Louvered ceiling

This air- and particle-sealed louvered ceiling, which conforms to EN / VDI regulations, consists of aluminum profile sections joined together by means of die-cast aluminum binding elements. The dead-end areas created by the grid system are filled with load-bearing or non load-bearing cover plates, or can be used for the flush-fitting installation of Blanc clean-room lights, Blanc LF outlets, filter and fan units and conventional air outlets. The system features two separate sealed levels and can be equipped with dry or fluid-proof elements.

Cleaning can be carried out with customary agents, such as Isopropanol in a 40% watery solution, alkaline solution or industrial alcohol. For disinfection, wiping disinfection for surfaces and spray-on disinfection for fitting, Apesin AP 100 (1%) or Mikrobac Forte (1%) is suitable. Surfaces that are resistant against H₂O₂ or formalin are available on request.

Integrated radiographic solutions

Cleanrooms Blanc can be additionally outfitted with MS Westfalia GmbH manufactured Ares series X-ray machines. X-ray screens, all needed control panels and electrical lines required for optimal operation of Ares X-ray machines can be easily integrated into Blanc modular cleanrooms.

Individual accessories for made-to-measure clean rooms

For your individual requirements for modern clean rooms we keep an extensive range of functional accessories available or fabricate them especially according to your requests. You will find further information in our technical documentation. Our experienced clean room specialists will be pleased to support you by word and deed.





MS Westfalia GmbH

MS Westfalia GmbH (Troisdorf, Germany) is an ISO-certified (ISO-9001, ISO-13485) medical equipment manufacturer, producing a wide range of equipment, including modular cleanrooms, ENT units, X-ray machines, equipment for cosmetology and physical therapy. MS Westfalia GmbH offers a full spectrum of services linked with our equipment:

- Our specialists will aid you by providing consulting and planning services, designing professional integrated solutions for various types of medical equipment and premises.
- Competent and highly professional service engineers will install your equipment and perform its maintenance.
- Our dedicated logistical service will deliver your purchase from our German facilities to you wherever you are.
- Skilled trainers will brief your personnel to take full advantage of medical equipment you purchase from us.

MS Westfalia GmbH produces:

- Cosmetology Equipment (home photoepilators).
- ENT Equipment (ENT units).
- Modular Cleanrooms (Wall systems, Ceiling systems, Door systems, Slide gate systems, Accessories).
- Physical Therapy.
- X-Ray Equipment (Stationary X-Ray units, Mobile X-Ray units).

