



Clean Room Construction - Customized System Solutions





#### Company

The Austrian family-owned and operated company has over 70 years of experience and has been producing the proven BRUCHAPaneel for refrigerated and deep frozen warehouses and industrial halls for decades.

BRUCHA is the specialist for customized constructions wherever quality and workmanship are required.

Consulting, sustainable project design and production all from a single source.

The BRUCHAPaneel system provides extensive design freedom, optimal heat insulation, robustness, and lifetime through various core thicknesses of up to 10 in.

### Benefits of using BRUCHAPaneel panels for your clean room

- Self-supporting without a complex sub-structure
- Tested surfacing
- Highly flexible: Utility penetration of all types are prefabricated during production
- Quick, easy assembly in the modular system
- Flush-mount design (walls/windows/floors/doors)
- Large span widths in case of ceiling liners
- Accessible ceiling designs
- Tested surfaces
- Low joint proportion
- Detailed individual planning

## Lock function

Locks are used for separating areas with differing clean room classifications to maintain constant air component values.

We also offer recommendations for entry control or time delay systems to ensure that clean rooms are only entered by those or that which actually should.

Our lock systems allow mutual sealing of numerous doors.

#### SUPERIOR Coatings/Surfaces

- PVC film coating 150 μm PVDF 25 μm
- Stainless V2A Standard Stainless V4A Superior
- Solidboard® FRP

#### Insulating Core

- Polyurethane foam absolutely CFC free
- Mineral wool incombustible
- Polystyrene





# Wall to floor connection

Plinth with stainless impact protection

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Ventilation and extraction

Penetrations:

Cabling

Material locks



#### Requirements

Reliability and cleanliness in production are ever more important through the complexity and miniaturization of components and varying processing technologies. The BRUCHAPaneel system allows you efficiently and cost effectively meet the requirements in these highly sensitive areas where particle-free air is crucial.





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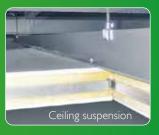
# CLEAN ROOM Areas of application

BRUCHA

- Food processing facilities
- Bottling plants for juices and dairy products
- Food packaging systems
- Production lines (cheese/meats slicing etc.)
- Automotive and aviation industry
- Surfacing technology
- Micro technology
- PCB manufacture
- Medicine
- Hospitals and labs
- Biotechnology, research
- Pharmaceutical industry
- Cosmetics industry
- Nuclear technology
- Space technology
- Scientific research







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Panels that Connect



PORTFOLIO - What we offer

planning, production & assembly:

- Walk-in coolers & freezers: Evolution Box simple self-assembly\*
- PIR+ panel for industrial cold storage construction\*
- PIR+ panel for industrial halls construction\*
- Fire-protection panel, with mineral fiber for roof, wall and facade\*
- Solidboard<sup>®</sup> FRP panel (FRP = Fiber Glass Reinforced Plastic)
- Test chambers
- Welded floors in stainless steel 4301-V2A
- Welded walls in stainless steel 4301-V2A
- Hinged and sliding doors

All details subject to layout and printing errors! US\_05/2020

- Swing doors and strip curtains
- Special constructions such as CA storerooms, conditioned and climatic rooms, cold smoke rooms, labs and test rooms, flash-freezing rooms
- Clean room construction\*
- High-rise warehouses
- Customized constructions on request
- Acoustic WP-A panel\*
- PIR+ €CO-Roof panel\*
- PIR+ Transparent Roofing Sheets DP-L panel\*
- \* For further details please request a copy of our detailed folder.

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