



BRUCHAPaneel®

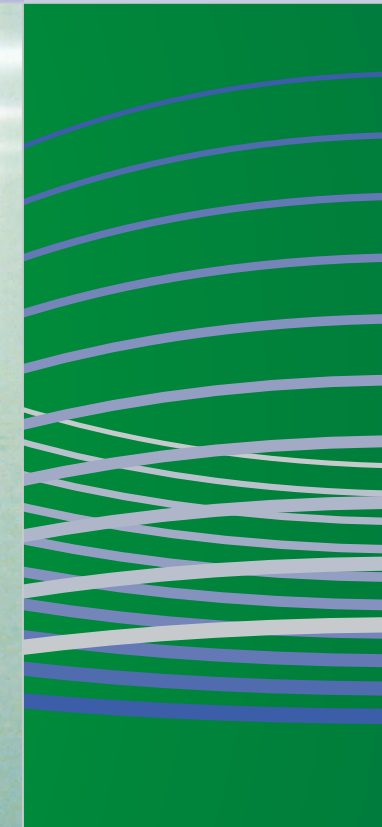
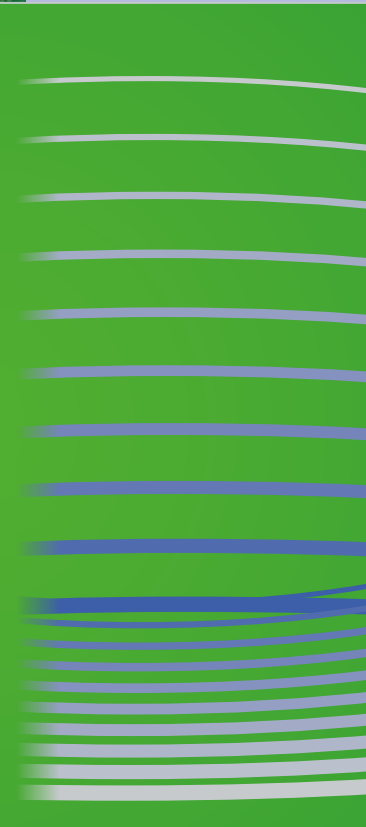


PORTFOLIO

Consulting, planning, construction, production & assembly:

- Cold rooms and freezers: Professional cell €CO-Box – simple self-assembly*
- **BRUCHAPaneel** PU/PIR panel for industrial cold storage construction*
- **BRUCHAPaneel** PU/PIR panel for industrial halls construction*
- **BRUCHAPaneel** fire-protection panel, with mineral fiber for roof, wall and facade*
- **BRUCHAPaneel** Solidboard® panel*
- Test chambers
- Welded stainless steel floors 430I-V2A
- Welded stainless steel walls 430I-V2A
- Crash barriers in stainless steel or plastic
- Refrigerated and freezer room doors*
- Hinged and sliding doors*
- Swing doors and strip curtains
- Special constructions such as CA storerooms, conditioned and climatized rooms, cold-smoking rooms, labs and test rooms, flash-freezing rooms
- Clean room construction
- High-rise warehouses
- Custom constructions on request
- **BRUCHAPaneel** Acoustic – WP-A panel*
- **BRUCHAPaneel** PU/PIR €CO-Roof panel*
- **BRUCHAPaneel** PU/PIR Transparent Roofing Sheets – DP-L panel*

* For further details please request a copy of our special folder.



www.brucha.com

Clean Room Construction – customized system solutions

Quality Label: www.epaq.eu

EPAQ European Quality Assurance Association for Panels and Profiles



Quality management system:
Norm: ISO 9001:2008



Environmental management system:
Norm: ISO 14001:2004



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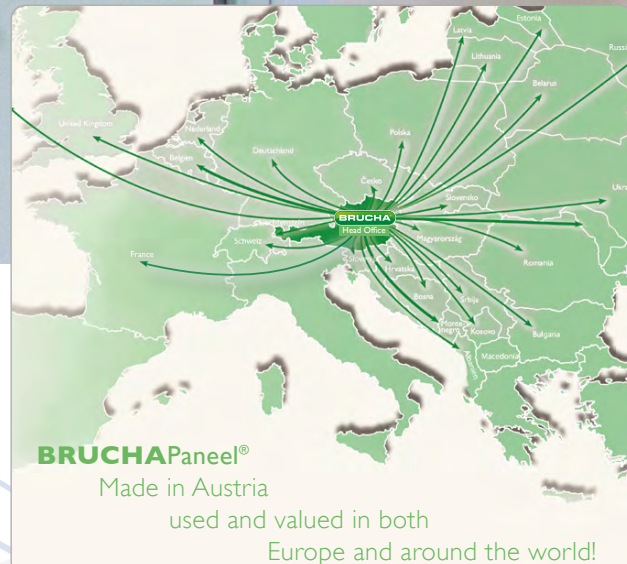
Company

The Austrian family-owned company with over 65 years of experience has been producing the proven BRUCHAPaneel for refrigerated and deep frozen warehouses and industrial halls.

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

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

The BRUCHAPaneel system provides extensive design freedom, optimal heat insulation, robustness, and lifetime through various core thicknesses of up 220 mm.



Worldwide assembly projects

BRUCHA assembly teams work efficiently and professionally, individual customer requirements can be precisely met through extensive experience in specialized construction.

The assembly team is responsible for installation of windows, doors, and gates, impact protection systems, vacuum floors and much more.

Assembly projects are carried out throughout Europe by highly trained BRUCHA assembly teams through to projects abroad where skilled workers are instructed or assembly is monitored by a permanent supervisor.

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
- Glasbord®

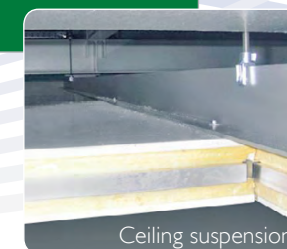
Insulating Core

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

IPA qualification
Foodstuffs safety
Test seal for clean
room compatibility



Fraunhofer
TESTED
DEVICE
BRUCHA
Blechbeschichtungen
Report No. BR 0605-350



CLEAN ROOM Areas of application



- Foodstuffs processing
- Juice and dairy product filling systems
- Foodstuffs 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

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.

Benefits of using BRUCHAPaneel panels for your clean room

- monoque construction with no need for supporting framework
- tested surfacings
- highly flexible; all types of penetrations are prefabricated during production
- quick and easy building-block assembly
- flush surface format (walls/windows/floors/doors)
- long span roofing panels
- walkable ceiling
- low joint proportion
- detailed individual planning



Penetrations:

- Material locks
- Ventilation and extraction
- Cabling
- All forms of connectors



ISO 14644 – standard clean room air particle classes

ISO-CLASS	Highest particle concentration value equal to or greater than the observed particle diameters.					
	0,1 µm	0,2 µm	0,3 µm	0,5 µm	1 µm	5 µm
ISO 1	10	2	-	-	-	-
ISO 2	100	24	10	4	-	-
ISO 3	1.000	237	102	35	8	-
ISO 4	10.000	2.370	1.020	352	83	-
ISO 5	100.000	23.700	10.200	3.520	832	28
ISO 6	1.000.000	237.000	102.000	35.200	8.320	293
ISO 7	-	-	-	352.000	83.200	2.930
ISO 8	-	-	-	3.520.000	832.000	29.300
ISO 9	-	-	-	35.200.000	8.320.000	293.000