




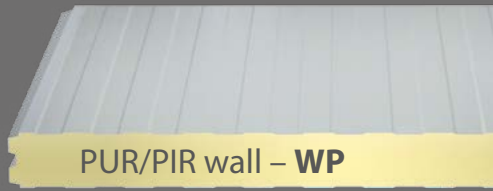
BRUCHA[®]

BRUCHAPaneel[®]

CA/ULO warehouse

Maturation and storage rooms
for harvest-fresh produce.

- 
- TEMPERATURE-REGULATED storage rooms
 - with and without CONTROLLED ATMOSPHERE
 - for optimum LONG-TERM STORAGE
 - decades of experience in cold room construction
 - state-of-the-art technology
 - in-house production of all components



PUR/PIR wall – **WP**

BRUCHA Panel® CA/ULO warehouse

Long-term storage for fruit, vegetables and field crops.

Perfect ambient conditions for the "hibernation" of fruit and vegetable varieties ensure the preservation of fresh fruit quality.

Based on the **decades of experience** in the construction of cold and deep-freeze storage halls, we find the perfect design for your storage and processing rooms.

Oxy-Reduct
Technology



CA warehouse doors and gates with special sealing system, integrated airtight windows, produced to the highest quality standard in our own factory.

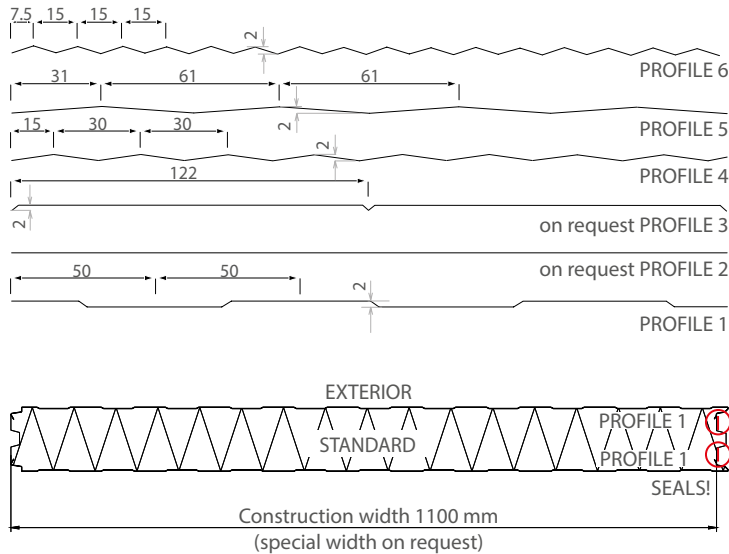
The **airtight processing** of the building envelope - **Oxy-Reduct Technology** - perfect storage and maturation, without or with **controlled atmosphere** for the maintenance of uniformly low oxygen and carbon dioxide values is performed on site by our **experienced assembly team** in a professional manner.





Technical data - CA/ULO warehouse

WP PROFILES - visible mounting

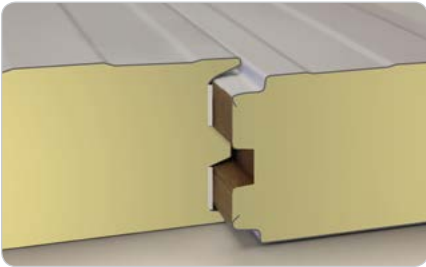


Panel type Core thickness mm	U-value W/m ² K - EN 14509 incl. joint section	Weight kg/m ²
WP 40	0.530	10.9
WP 50	0.417	11.3
WP 60	0.330	11.7
WP 80	0.251	12.5
WP 100	0.199	13.3
WP 120	0.166	14.1
WP 140	0.142	14.9
WP 150*	0.133	15.3
WP 160	0.124	15.7
WP 170	0.112	16.1
WP 180*	0.111	16.5
WP 200	0.099	17.3
WP 220*	0.090	18.1
WP 250*	0.082	19.3

*on request, from 500 m² (WP180 from 300 m²),
Max. manufacturing length 16 m

Metal gauge: 0.5 mm or 0.6 mm

(Reduction of the metal gauge on request)



Sealing system	The panel joint and corner seals are produced by means of a multi-layer special sealing system .
Insulation core	PIR rigid foam, continuously foamed Approx. 95 % closed-cell, shear-proof bonding with the sheet steel, density approx. 40 kg/m ³ , absolutely CFC- and HCFC-free, pentane foaming process.
Fire behaviour	according to EN 13501-1, Euro class Bs1d0

DOORS, GATES and WINDOWS in airtight design

Door leaf	Core with polyurethane rigid foam, foamed under pressure, rubber plug seal 3-sided, food safe, with sliding seal on the floor.
Surface	Galvanised sheet steel according to BASIC colour spectrum, 0.63 mm metal gauge, plastic-coated, stainless steel 4301-V2A standard or V4A superior, standard thickness 0.7 mm.
Seal	Side eccentric handles on the sliding door ensure perfect sealing.
Windows	Viewing window with integrated emergency release inside.
Fitting	BRUCHA special fitting for automatic sealing by lowering when closed, gentle on the sealing material.
Frame	Airtight welded stainless steel reveal for panel mounting, reveal lining made of stainless steel sheets, 2.5 mm - solid design.



Thanks to the **BRUCHA rail system CA storage sliding doors** are perfectly suitable as manipulation cold storage sliding doors after long-term storage. Design version with **electric drive** available.



Environmental management
Standard: ISO 14001:2015



Quality management
Standard: ISO 9001:2015



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The BRUCHA range of services: CONSULTING, PLANNING, PRODUCTION AND ASSEMBLY

- Cold storage and deep-freeze walk-ins
- **BRUCHA** Paneel panel PUR/PIR for the construction of large cold stores*
- **BRUCHA** Paneel panel PUR/PIR for industrial hall construction*
- **BRUCHA** Paneel fire protection panel made of mineral fibre for roof, wall and façade*
- **BRUCHA** Paneel Solidboard® panel
- Test chambers
- Welded floors in stainless steel 4301-V2A
- Welded walls in stainless steel 4301-V2A
- Impact protection solutions in stainless steel or plastic
- Cold storage and deep-freeze doors*
- Revolving and sliding doors*
- Swing doors and strip curtains
- Special constructions such as CA storage rooms, climatic and ripening rooms, cold smoking rooms, laboratory and test rooms, as well as shock rooms
- High rack warehouses
- Special designs on request
- **BRUCHA** Paneel PUR/PIR roof light lights - DP-L*
- **BRUCHA** Paneel panel acoustic – WP-A*
- **BRUCHA** Paneel panel PUR/PIR €CO roof*

* For further information please request our special folder.