

BRUCHAPaneel®

PUR/PIR €CO roof

Minimum roof pitch 3° (5.2%)

Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

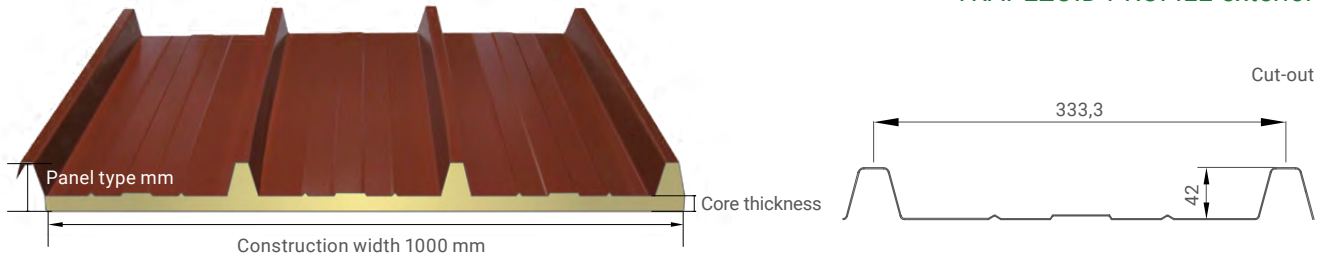
EXTERIOR:	<ul style="list-style-type: none">• Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).• Profile: Trapezoid profile 42 mm (in line with sketch)• Crown distance: 333.3 mm• Metal gauge: 0.6 mm (smaller metal gauge on request)
INTERIOR:	<ul style="list-style-type: none">• Aluminium lining – Stucco white, layer thickness 80 µm, resistant to organic acids.• Impairment of the visual impact is possible due to the thin interior shell.• For areas where the view from below must satisfy the highest visual requirements, we recommend the BRUCHAPaneel roof – DP with sheet metal interior shell.
INSULATION CORE:	<ul style="list-style-type: none">• Polyurethane rigid foam, continuously foamed approx. 95% closed cells, securely attached to the steel sheet• Density approx. 45 kg/m³, absolutely no chlorofluorocarbons or halogenated chlorofluorocarbons – pentane foam process• Fire behaviour in accordance with EN 13501-1, Ds2d0, normal flammability
STANDARD COLOURS:	<ul style="list-style-type: none">• In line with BASIC colour range, identical to BRUCHAPaneel PUR/PIR roof - DP
PANEL CONNECTION:	<ul style="list-style-type: none">• On the exterior by overlapping of beads, whereby the unfoamed sheet metal part of a panel is laid on the corresponding counterpart of the following panel (including SEALS!).• Capillary break (see drawing)



BRUCHAPaneel®

PUR/PIR €CO roof

Minimum roof pitch 3° (5.2%)



Panel type	ECO 57	ECO 72	ECO 82	ECO 102
Core thickness mm	15	30	40*	60*
U-value W/m²K - EN 12667 including joint section	1.02	0.60	0.46	0.32
U-value W/m²K - EN 14509 including joint section	1.24	0.73	0.57	0.39
Weight kg/m²	7.00	7.60	7.95	8.80

*on request

- For agricultural structures
- As protection against the formation of condensation
- At least 15 mm insulation
- Reasonably priced alternative to BRUCHAPaneel panel PUR/PIR roof

Manufacturing tolerances:	In line with EN 14509
Manufacturing lengths:	Max. 21.5 m (extra-long transport 13.6 m)
Temperature resistance:	90°C

