**m² supply and installation of**

**BRUCHAPaneel® roof elements**

**Brucha System PUR Roof "DP**

consisting of a PUR hard foam core, approx. 40 kg/m³, pentane foaming process, **absolutely CFC, HCFC and HFC free**, approx. 95 % closed-cell foamed, bonded to the steel sheet in a shear-resistant manner.

Top side galvanised trapezoidal steel profile 0.6 mm, zinc layer 275 g/m², bead height 42 mm, crown distance 333.3 mm, with 25 µm polyester coating; standard colours according to Basic colour spectrum, with removable special protective foil, incl. capillary break.

Bottom side (room-facing side) galvanised sheet steel 0.5 mm, zinc layer 275 g/m², slightly profiled, with 25 µm polyester lacquer coating, colour 9002, protective foil available on request.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Core thickness:**  | **30** | **40** | **50** | **60** | **80** | **100** | **120** | **140** | **160** |
| **Total thickness incl. trapezoidal structure:** | **72** | **82** | **92** | **102** | **122** | **142** | **162** | **182** | **202** |
| **U-value W/m²K as per EN 14509:** | **0.73** | **0.57** | **0.46** | **0.39** | **0.30** | **0.24** | **0.20** | **0.17** | **0.15** |

Fire behaviour according to EN 13501-1, Euro class Bs2d0, low flammability. B-s1-d0 on request.

National and international tests, **BRUCHAPaneel® is FM-certified.**

The **BRUCHAPaneel®** is approved according to DIBT construction supervision authority.

The **BRUCHAPaneel®** is C2C-certified.

The **BRUCHAPaneel®** is listed at the ÖGNI (Austrian Society for Sustainable Real Estate Management) and in the dgnb Navigator.

Unique **Brucha TRIPLE SEALING SYSTEM**  for optimum condensate protection and building insulation.

*In the unit price, the stainless steel screws including sealing washers must be calculated according to the respective substructure. In addition, 4.8x19 mm screw must be included for the joint overlap,*

*every 30 cm.*

**Technical data**

Element lengths max. \_\_\_\_\_\_\_\_ mm

Construction width 1000 mm

Crown height 42 mm

Insulation thickness \_\_\_\_\_\_\_\_ mm

Overall thickness, type D \_\_\_\_\_\_\_\_ mm

Colour of the upper shell RAL \_\_\_\_\_\_\_\_

U value in W/(m²K) \_\_\_\_\_\_\_\_

**Static characteristics**

Max. purlin spacing

\_\_ field system = \_\_\_\_\_\_\_\_\_\_ m

\_\_ field system = \_\_\_\_\_\_\_\_\_\_ m

\_\_ field system = \_\_\_\_\_\_\_\_\_\_ m

Defined snow load \_\_\_\_\_\_ kg/m²

Roof pitch \_\_\_\_\_\_ degrees

