**m² supply and installation of**

**BRUCHAPaneel® roof elements**

**Brucha PUR system "€co roof"**

consisting of a PUR hard foam core, approx. 45 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) aluminium laminate - stucco white, layer thickness 80 µm, resistant to organic acids. Optical flaws may be possible due to the thin inner layer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Core thickness:**  | **15** | **30** | **40** | **60** |
| **Total thickness incl. trapezoidal structure:** | **57** | **72** | **82** | **102** |
| **U-value W/m²K as per EN 14509:** | **1.24** | **0.73** | **0.57** | **0.39** |

Fire behaviour according to EN 13501-1, Euro class D-s2-d0, normal flammability.

*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

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Defined snow load \_\_\_\_\_\_ kg/m²

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