**m² supply and installation of**

**BRUCHAPaneel® wall elements, visible mounting**

**Brucha system PIR+ Wall "WP"**

consisting of a PIR + / 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.

Exterior galvanised steel profile sheet 0.6 or 0.5 mm, zinc layer 275 g/m², with 25 µm polyester coating; standard colours according to Basic colour range, with removable special protective film.

Interior (room-facing side) galvanised sheet steel 0.5 mm, zinc layer 275 g/m², slightly profiled, with 25 µm polyester coating; colours according to data sheet, limited profile selection, with removable special protective film.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Core thickness:** | **40** | **50** | **60** | **80** | **100** | **120** | **140** | **150** | **160** | **170** | **180** | **200** | **220** | **250** |
| **U-value W/m²K as per EN 14509:** | **0.530** | **0.417** | **0.330** | **0.251** | **0.199** | **0.166** | **0.142** | **0.133** | **0.124** | **0.107** | **0.107** | **0.099** | **0.090** | **0.082** |

**Construction width: Standard 1100 mm,** on request 1000 mm

Fire behaviour according to EN 13501-1, Euro class Bs1d0, low flammability 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.

Tongue and groove plug-in system, from a thickness of 100 mm in the labyrinth plugging system.

The integrated seal (40-14 0 mm core) ensures the **best possible tightness against wind**, the panels are joined together **precisely and free of thermal bridges**.

No seals from 150 mm, milled to exact fit.

*In the unit price, the stainless steel screws including sealing washers must be calculated according to the respective substructure.*

**Technical data**

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

Construction width \_\_\_\_\_\_\_\_ mm

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

Colour of the outer shell RAL \_\_\_\_\_\_\_\_

Colour of the inner shell RAL \_\_\_\_\_\_\_\_

U value in W/(m²K) \_\_\_\_\_\_\_\_

**Static characteristics**

max. framework spacing

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

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

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

Defined max. wind pressure load \_\_\_\_\_\_ kN/m²

Defined max. wind drag load \_\_\_\_\_\_ kN/m²

