

# Duo High Density PU Foam

## Product:

Roof insulation with a core of hard Polyurethane foam. This insulation is coated on two sides with a bituminous glass-fleece of 475 g/m<sup>2</sup>. It is very rigid and free of CFK's.

## Use:

It is especially designed for the hot roof - concept. There are two installation techniques:

- A) Its high temperature resistance makes it suitable to use with hot bitumen and a torch-on waterproofing system with ventilated base layer. (In this case the insulation is finished with a bituminous fleece).
- B) Its rigidity makes the insulation suitable to cover with a mechanically fixed waterproofing membrane.

## Technical Specification:

Thermal conductivity: W/w.K  
 Compressive strength: >120 kPa, by 10% transformation  
 Delamination strength: > 80 kPa  
 Mechanical strength: Class C, with divided load  
 Mass weight: Pur-foam: 32 kg/m<sup>3</sup>

## Standard Size:

- A. 1200 x 600 mm
- B. 1200 x 1000 mm (this size can be delivered on request)

Nominal Thickness	Thermal Resistance M <sup>2</sup> .K/W	Quantity of boards per package	Number of m <sup>2</sup> per package (1200x600mm)
30	1.07	10	7.20
40	1.43	10	7.20
50	1.79	8	5.76
60	2.14	7	5.04
70	2.50	6	4.32
80	2.86	5	3.60
90	3.21	5	3.60
100	3.57	4	2.88

## Installation Advice:

The Duo HD PUF insulation boards have to be stored in a dry area.

The surface needs to be smooth, clean and dry.

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