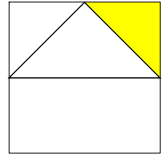


User Interface



DÄMMWERK

To select the desired calculation form click on the corresponding tab.

Use this toolbar to: open existing calculations, create new calculations, print, etc.

Content Choose this switch to set the calculation options.

New For new element- or building calculations click on this switch.

The **marked text passages** of the calculation form contain the variable parameters. After changing a parameter the calculation will be recreated immediately.

There are more than 200 menus with parameters for technical building regulations and supplemental sources for your choice. These menus will open by clicking on the **marked text passages**.

Project | Elements | Diffusion | Noise protection | EnEV | Tech. equipment | Energy | Services

Content **New** **Open** **Save** **Print** **Calculator** **Grid** **Layers** **Help** **Info**

Dämmwerk

Cross section of element

Element Roof construction

Element type Ventilated roof ceiling (New building)

Cross section

	s	ρ	λ _R	R
from inside	[cm]	[kg/m ³]	[W/mK]	[m ² K/W]
R _{si}				0,10
01 Gypsum plasterboard 12,5 mm	1,250	900	11,3	0,250
02 Gypsum plasterboard 12,5 mm	1,250	900	11,3	0,250
03 Load-bearing lathing	2,500	-	2,0	-
04 PE-sheet	0,020	1000	0,2	-
05 Mineral fibre 040	18,000	20	3,6	0,040
06 Lightly ventilated air layer	2,000	1	0,0	-
07 PTFE-sheet d>=0,05mm	0,050	-	-	-
08 Ventilated air layer	2,500	1	0,0	-
09 Load-bearing lathing	2,500	-	2,0	-
10 Roof cladding	4,000	-	40,0	-
R _{se}				0,10
d =		34,070		
G =		70,3		
R _T =		4,88		

U_{panel} = 0,205 W/m²K

Compound element

Frame width	Dist. of axes	Compound element
8,0 cm	85,0 cm	9,4 %
		81,3 kg/m ²

Roof construction diagram: Shows a cross-section of a roof with layers: 1 Gypsum plaster, 2 Gypsum plaster, 3 Load-bearing lath, 4 PE-sheet, 5 Mineral fibre D40, 6 Lightly ventilate, 7 PTFE-sheet d=0,05, 8 Ventilated air lay, 9 Load-bearing lat, 10 Roof cladding. Dimensions: 18,00, 2,00, 2,00, 2,00, 4,00, 20,0. U_{value} = 0,25 W/m²K. Inside.

Installation

Please follow the enclosed installation notes. We suggest using a screen resolution of at least 1024 x 768 dots.

Hotline

Questions to the use of our software or requests can be asked via
 Fon 030-789 567 80 or Fax 030-789 567 81 or
 email info@bauphysik-software.de

Help

The most up-to-date help you will find in the help-system of the software.
 The DÄMMWERK CD-Rom does also contain a program documentation and a EnEV-calculation example. All, except for the quick help-system, are only in German available.