DOF-THERM provides an easy and fast way to calculate the thermal transmittance (U-value) together with temperature and humidity curves.

DOF-THERM can be used as a sub module of DOF-ENERGY or other third party software.

DOF-THERM is a pure stand alone program. It does not require any third party software.

DOF-THERM can be used in Windows 95, 98, 2000, NT and XP.
STRUCTURE OF DOF-THERM SOFTWARE

- General material databases
- Temperature and humidity databases
- Structural databases
- Language databases

Material manufacturers material databases with possible online help documentation

External databases for national localisation:

DOF-THERM engine

D.O.F. tech Oy. www.doftech.com, info@doftech.com
There can be unlimited amount of structural layers in the calculation model.

Each layer can be manually defined or selected from the material database.
User can select the units he wants to use. All conversions are done automatically.
LAYERS AND MATERIAL DATABASES

Common material database (based on EN 12524)

D.O.F. tech Oy. www.doftech.com. info@doftech.com
All material manufacturers can provide their product data for the users (open environment).
TEMPERATURE AND HUMIDITY VALUES

There can be unlimited amount of periods in the calculation model. Temperatures and humidities can be manually defined or imported from the database.

Time and humidity units can be changed. All conversions are done automatically.
**RESULTS**

U-value, transmittances and resistances

- **Thermal Transmittance:** 0.26 W/m²K
- **External surface resistance:** 0.040 m²K/W
- **Internal surface resistance:** 0.130 m²K/W
- **Angle (θ):** 90.000°
- **Area:** 1.00 m²
- **Thickness:** 370.000 mm
- **Steam resistance:** 4100.529 m²K Pa/g
- **Steam transmittance:** 0.000244 g/m²Ks
- **Thermal resistance:** 3.075 m²K/W

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<th>SR [m]</th>
<th>Price [€/m³]</th>
<th>Mass [kg/m³]</th>
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</table>

**D.O.F. tech Oy.** [www.doftech.com](http://www.doftech.com), [info@doftech.com](mailto:info@doftech.com)
RESULTS

D.O.F. tech Oy. www.doftech.com, info@doftech.com
Also printing and preview is available.
Active printout can be saved as a windows metafile picture (wmf).