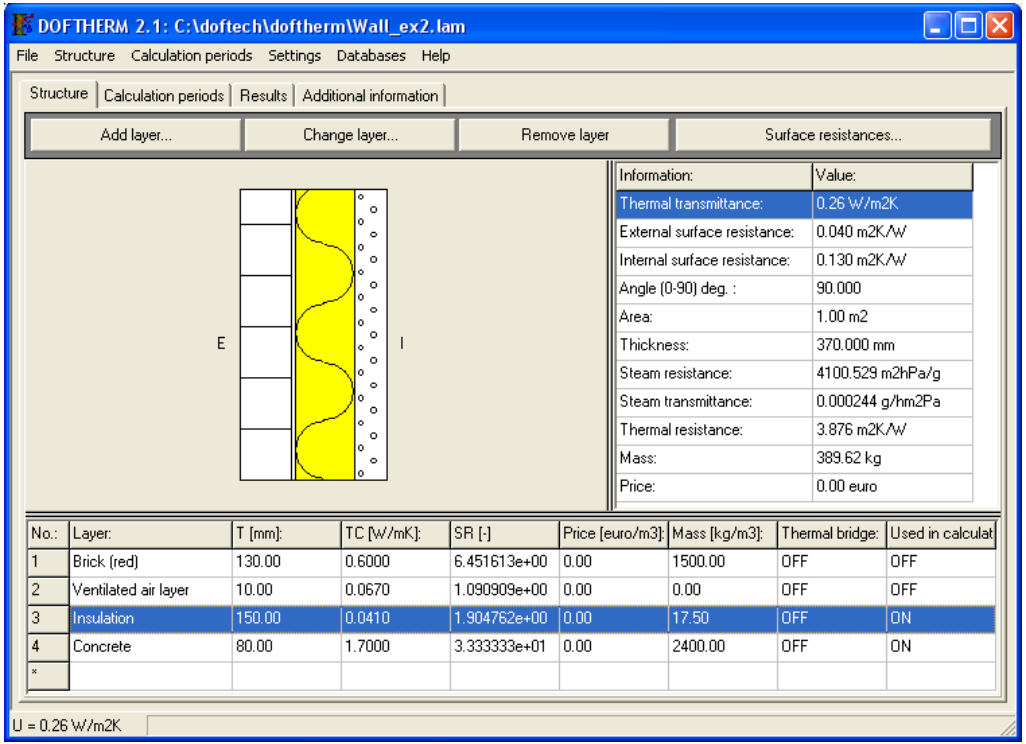
DOF-THERM SOFTWARE



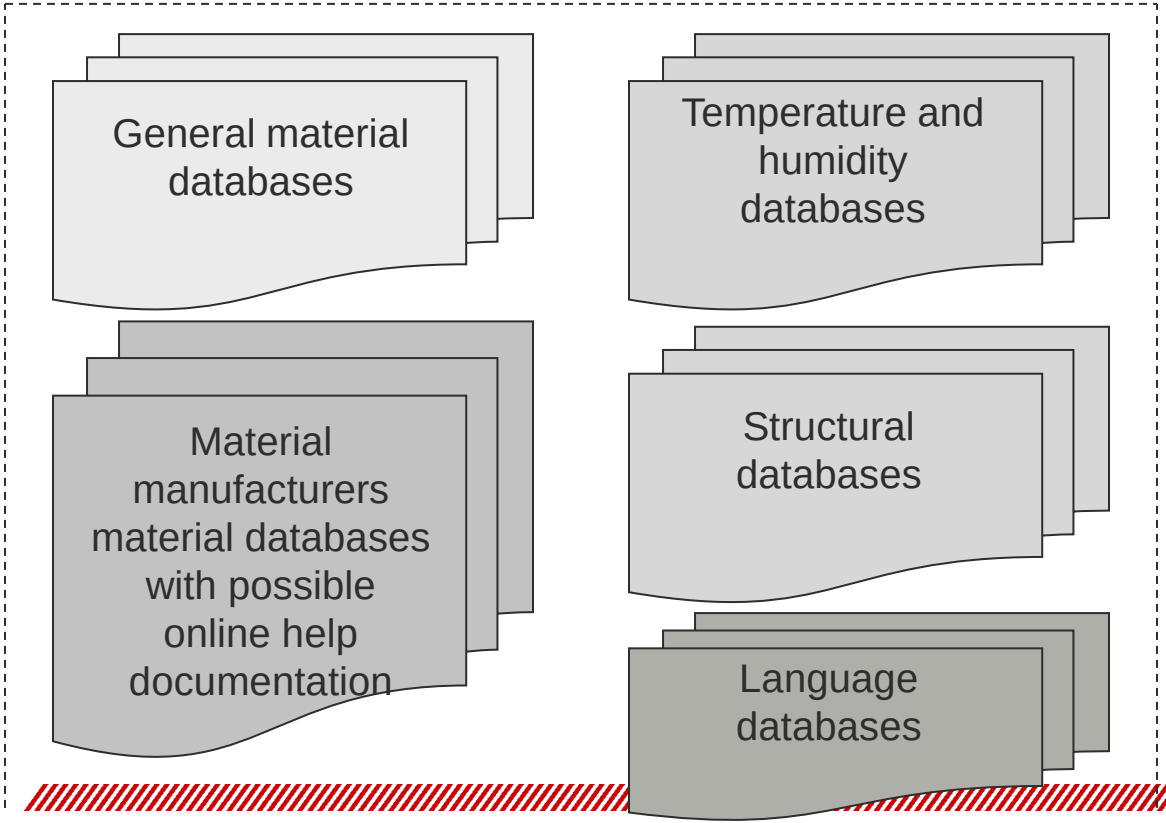
DOF-THERM provides an easy and fast way to calculate the thermal transmittance (U-value) together with temperature and humidity curves.

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.

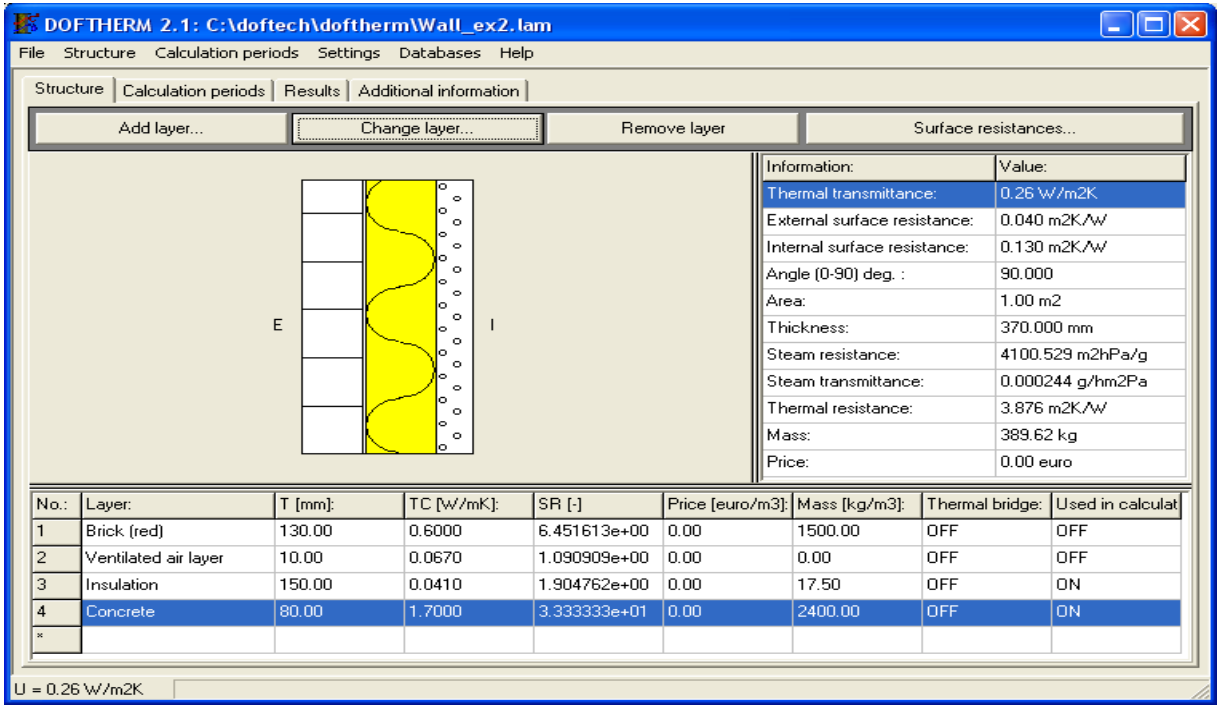
DOF-THERM can be used in Windows 95, 98, 2000, NT and XP.

STRUCTURE OF DOF-THERM SOFTWARE



External databases for national localisation:

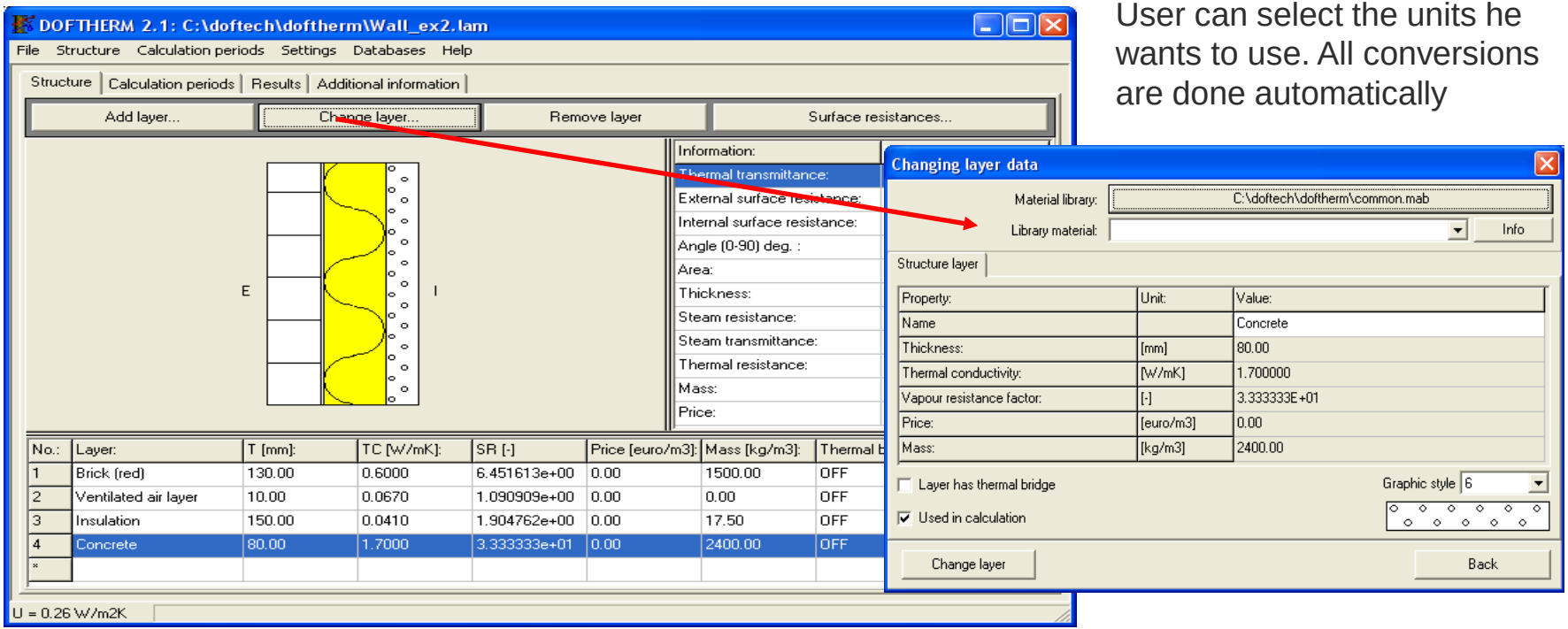
LAYERS AND MATERIAL DATABASES



There can be unlimited amount of structural layers in the calculation model.

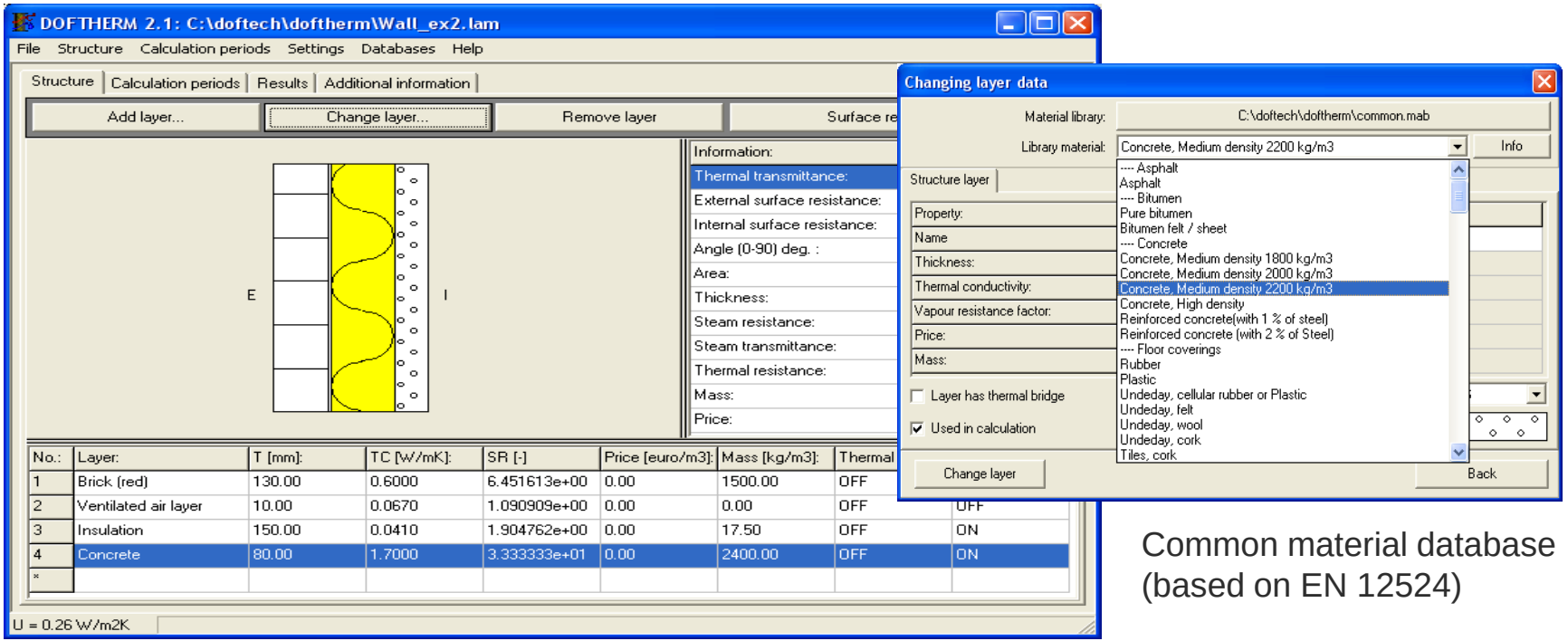
Each layer can be manually defined or selected from the material database.

LAYERS AND MATERIAL DATABASES



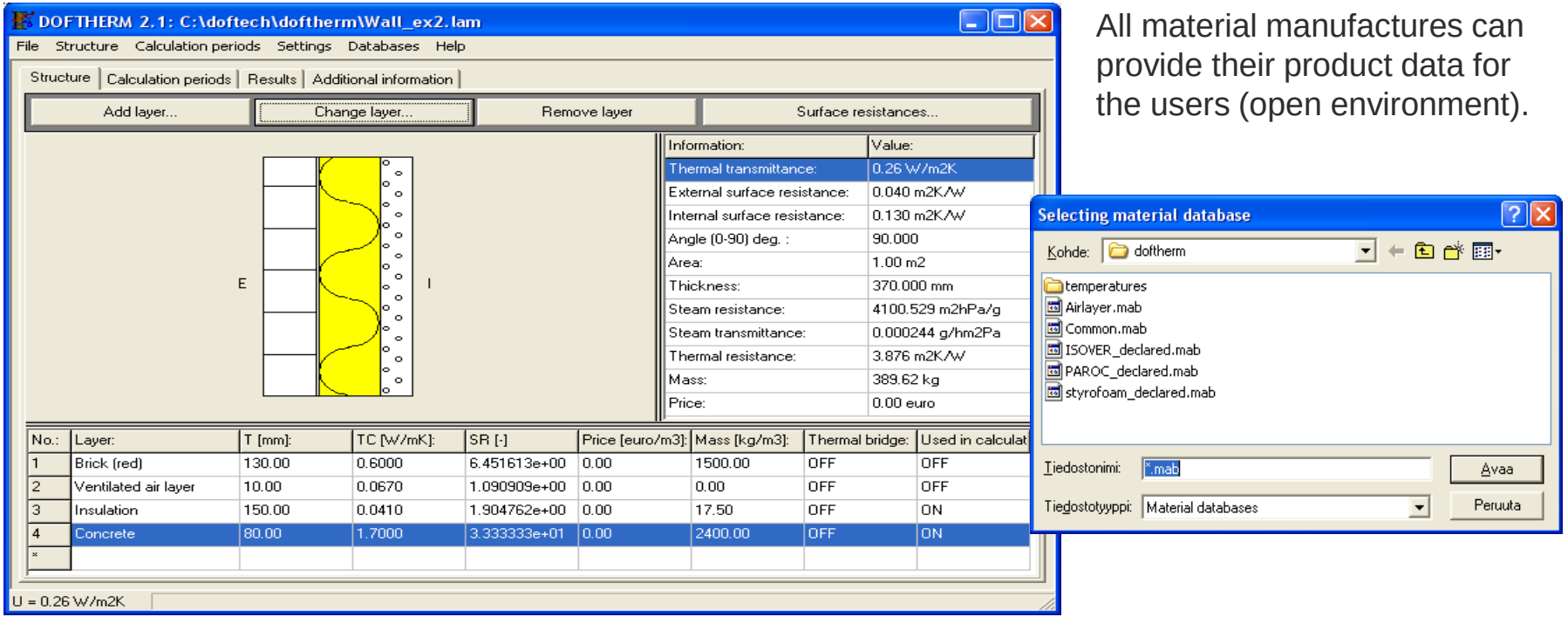
User can select the units he wants to use. All conversions are done automatically

LAYERS AND MATERIAL DATABASES



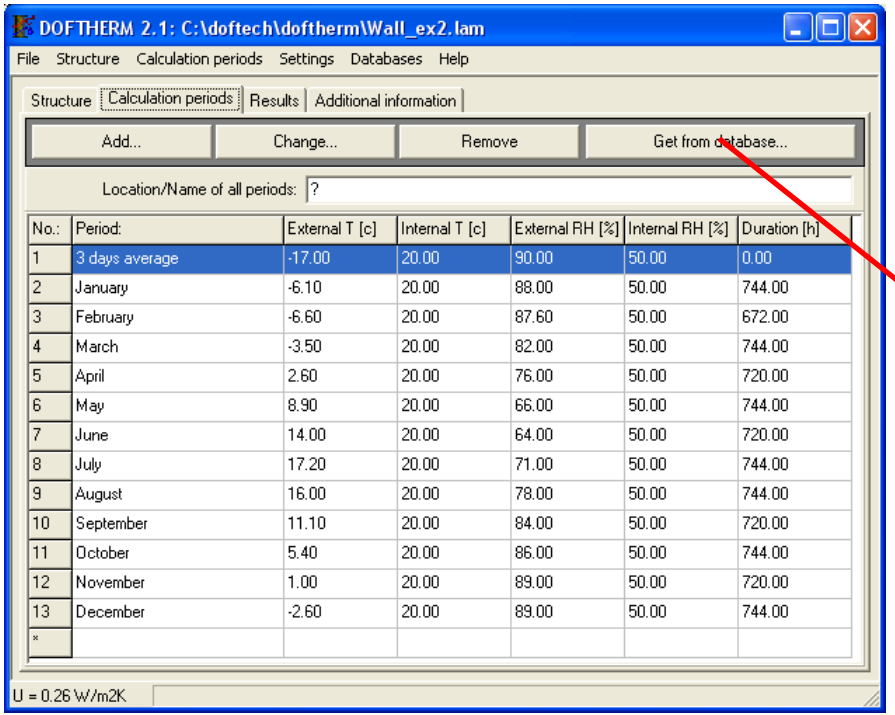
Common material database (based on EN 12524)

LAYERS AND MATERIAL DATABASES

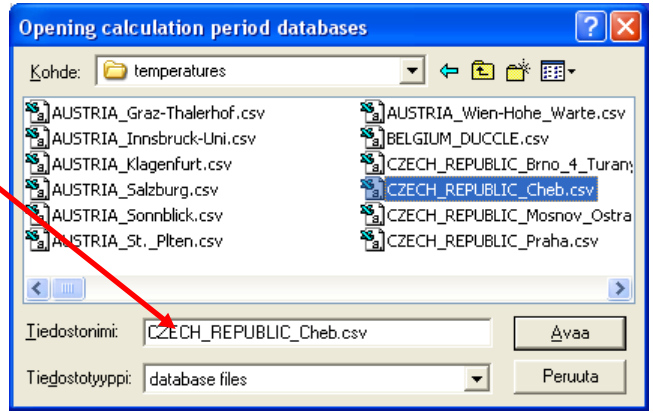


All material manufactures can provide their product data for the users (open environment).

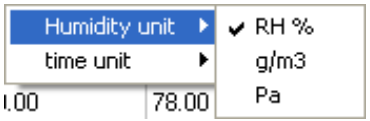
TEMPERATURE AND HUMIDITY VALUES



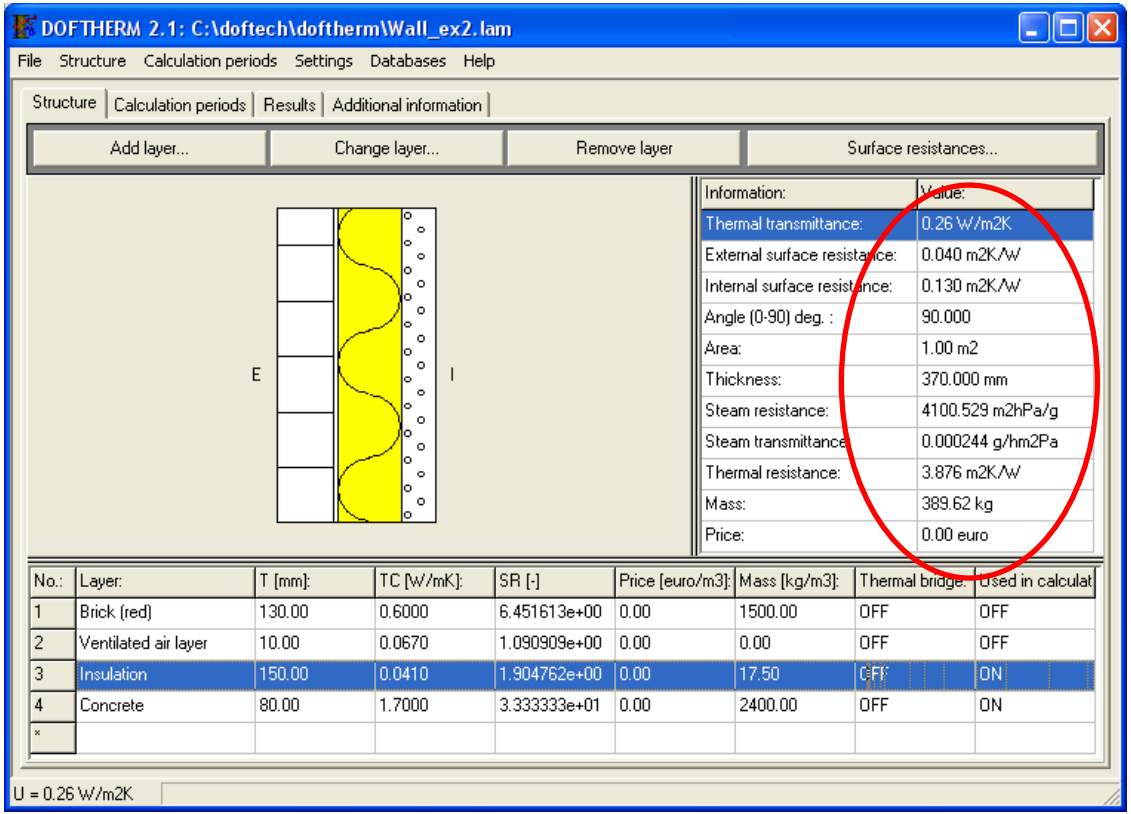
There can be unlimited amount of periods in the calculation model. Temperatures and humidities can be manually defined or imported from the database.



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

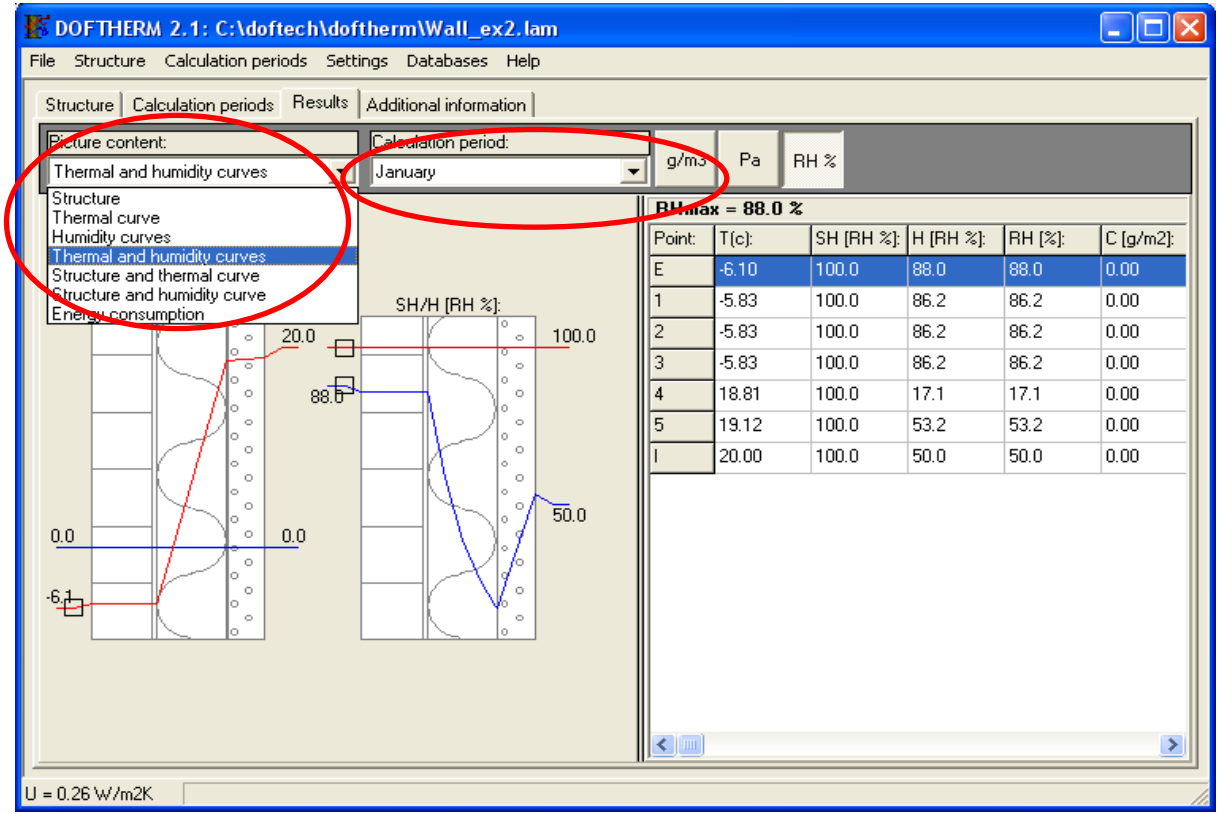


RESULTS



U-value, transmittances and resistances

RESULTS


DOFTHERM 2.1: C:\doftech\doftherm\Wall_ex2.lam
File Structure Calculation periods Settings Databases Help
Structure Calculation periods Results Additional information
Picture content:
Thermal and humidity curves
Calculation period:
January
g/m3 Pa RH %
Structure
Thermal curve
Humidity curves
Thermal and humidity curves
Structure and thermal curve
Structure and humidity curve
Energy consumption
SH/H [RH %]:
20.0
88.0
100.0
50.0
0.0
0.0
-6.1
RHmax = 88.0 %
Point: T(c): SH [RH %]: H [RH %]: RH [%]: C [g/m2]:
E -6.10 100.0 88.0 88.0 0.00
1 -5.83 100.0 86.2 86.2 0.00
2 -5.83 100.0 86.2 86.2 0.00
3 -5.83 100.0 86.2 86.2 0.00
4 18.81 100.0 17.1 17.1 0.00
5 19.12 100.0 53.2 53.2 0.00
I 20.00 100.0 50.0 50.0 0.00
U = 0.26 W/m2K

RESULTS

Also printing and preview is available.

Active printout can be saved as a windows metafile picture (wmf).