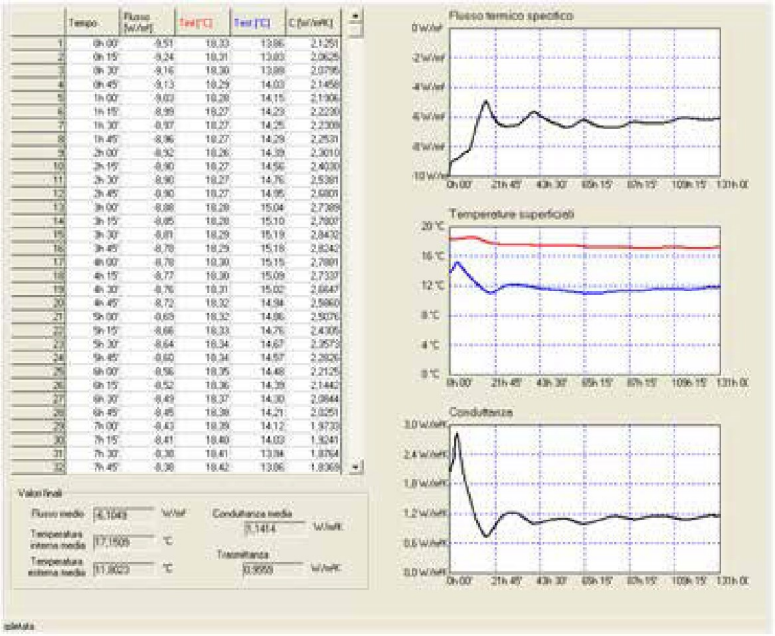
InfoFLUX
Wall thermal conductance application (BSZ310)

Developed by ANIT (National Association for Thermal Insulation ed Acoustic), InfoFLUX allows the calculation of the thermal conductance of the walls, from which the thermal transmittance value U is obtained. It is a physical quantity that is used to calculate the thermal losses through a surface (for example an external wall). The lower the value, the lower the heat losses.
The software performs thermal conductance calculations using two methods: "sliding average method" (ISO9869:1994) and "Black-Box method" which processes the values with a statistical method, obtaining the result in a faster time than the sliding averages method.
The program needs an ASCII file as input containing the values of:

- N.2 Contact Temperature of the external wall
- N.1 Contact Temperature of the internal wall
- N.1 Thermal flow through the wall

- Wall thermal conductance calculation
- Chart of the results
- Report creation

Main features



InfoFLUX calculates and displays the thermal flux, temperatures and conductance values at every instant (table and chart) by using every value of the data file.

- Import of the TXT data file containing measurements (N.3 surface temperatures and N.1 Thermal flux)
- Conductance and Transmittance calculation using “Progressive average” (ISO9869 standard) and “Black-Box” method
- Visualization of useful charts to determine the time when result is stable and representative
- Creation of reports (in Excel, DOC or HTML format) with user’s information, tables and charts

LSI LASTEM Srl
Via Ex SP. 161 Dosso, 9
20049 Settala (MI)
Italy

Tel. +39 02 954141
Fax +39 02 95770594
Email info@lsi-lastem.com
www.lsi-lastem.com

MW9006-ENG-10-28/05/2020