AcouS STICS21®

Software for the prediction of airborne and impact noise insulation

What is AcouS STICS21® ?

AcouS STICS21® is a software package for the prediction of airborne and impact noise insulation between premises.

Our software is based on the calculation methods of the ISO 12354 series of standards and calculates the acoustic index DnT,W (C; CTr) and L'nT,W (CI; CI50-2500) in compliance with ISO 717. It can integrate simulations from the AcouS STIFF® and AcouS STING® software suite.

> Open tool that can integrate user data from laboratory or in situ measurements.

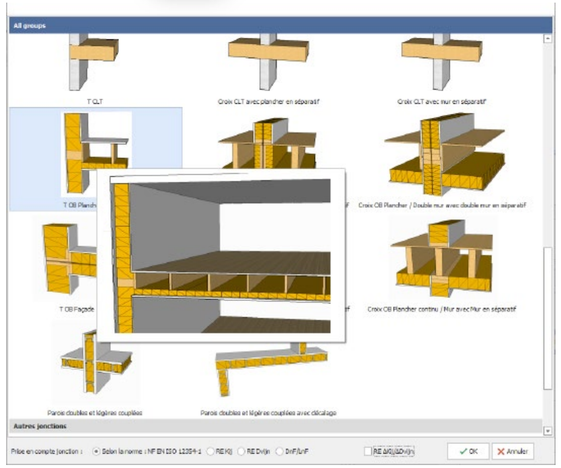
AcouS STICS21® is the latest module which complete the AcouS STIFF® and AcouS STING® software suite. These programmes have been tested and validated by a considerable number of licensees for several decades in France and in other countries.

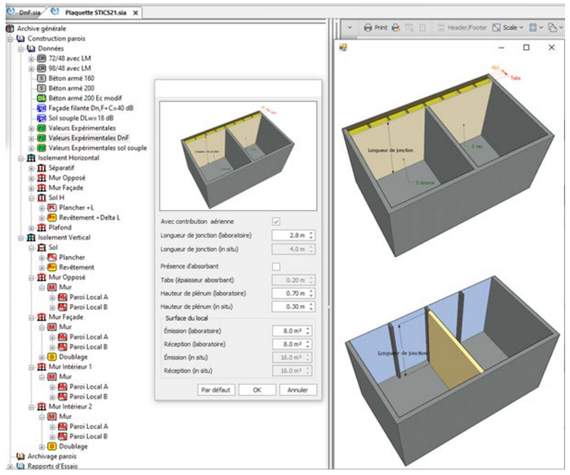
Applications for the software

AcouS STICS21® is an ergonomic tool that allows:

- The assessment of the airborne noise and impact noise insulation between two rooms;
- The optimisation of structure sizes to achieve the desired objectives;
- The assessment of the parameters influencing the insulation performance between premises;
- The precise quantification of all the transmission paths involved in acoustic insulation;
- The integration of complex building systems using simulations of sound reduction indices and impact noise levels from the AcouS STIFF® and AcouS STING® software suite.
- The application of any type of connection between elements (normative, measured, simulated);
- Access to all results in global values (according to the ISO 717 and ISO 10140 series of standards) and by thirds or octave bands in the form of customisable tables and graphs.

> In addition to our tutorials, our development teams can also train you in the use of AcouS STICS21®.





Target audience

AcouS STICS21® is designed for construction professionals who need to comply with statutory or programme-specific acoustic requirements in terms of sound insulation against interior airborne noise and impact noise for all types of premises (housing, offices, health or education establishments, etc.) and for many types of construction (concrete, masonry, CLT, wood, etc.).

Discover other software :

AcouS STIFF®

Acoustic Software Sound Transmission Index Full Forecast

AcouS STING®

Acoustic Software Structural Transmission Impact Noise Grading

ACOUSTIC SOFTWARE

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