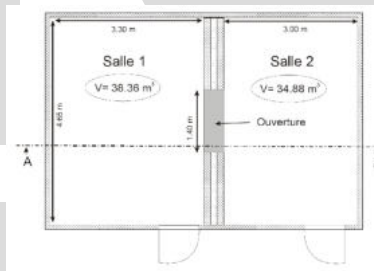
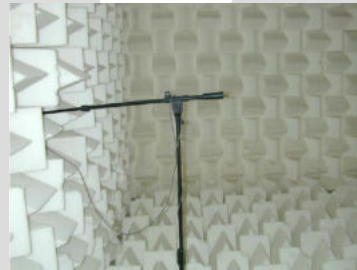
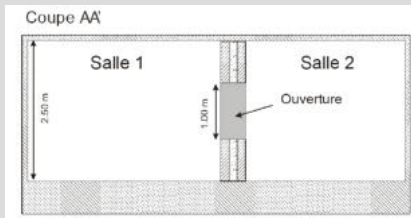
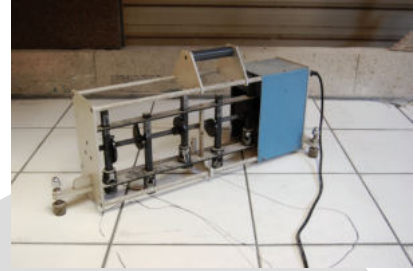




*Don't change your setup,
just improve the way you are using it !*



BatCell is an acquisition software to manage **building acoustics standardized measurements**

For **in-laboratory** and **in-situ** measurements.

Air borne, **structure borne** and **rolling** sounds !

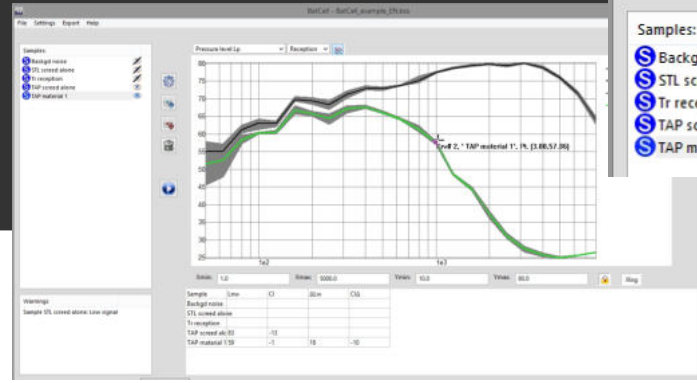
It will be asked for by technicians and required by engineers.



Prepare to be **MATELYS** approved !



BatCell is a software product by MATELYS-Research Lab > <https://batcell.matels.com>



Various test conditions

- complying ISO 10140 & ISO 354 series
- air borne **diffuse** sound field
- **tapping** machine
- **rolling** noise
- **background** noise
- **your** sound source !

For in-laboratory measurements

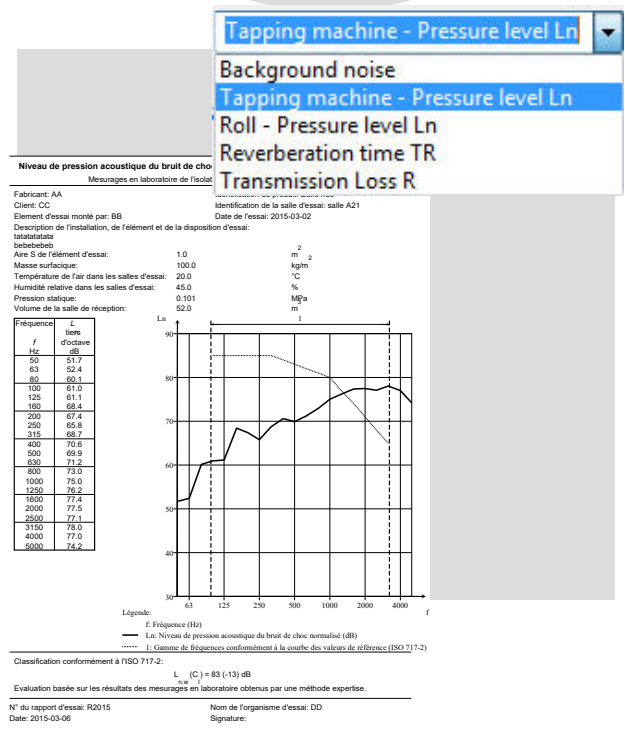
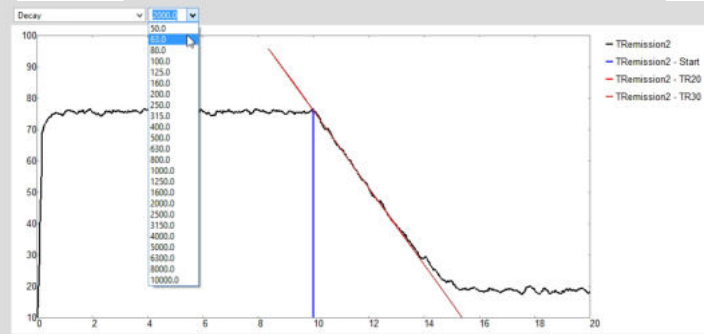
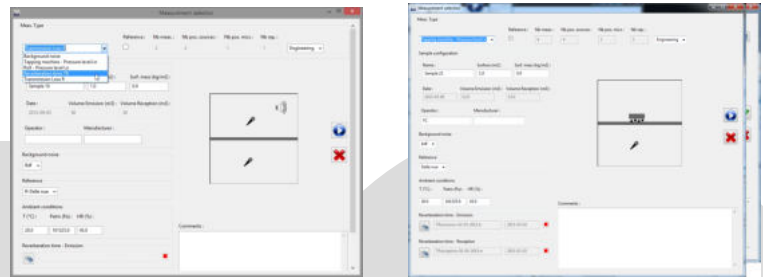
- sound **pressure level**, sending & receiving rooms
- **reverberation** time, sending & receiving rooms
- **decay** level for each tested frequency with computed Tr(20 dB) and Tr(30 dB)
- **background** noise level
- relative sound **attenuation**
- sound **transmission** loss
- ISO 717-1 & -2 single rating numbers

Key features

- **engineering, expert** and **custom** procedures
- individual microphone **calibration**
- **ICP** and power conditioned microphones
- guided **measurement** procedure
- **automated standardized PDF** report generation

Additional features

- **third octave** band computation
- mean value and **dispersion** envelope
- various **source signals**
- handles temperature, pressure and humidity conditions



MATELYS also provides **microphones, calibrators, sound level meters, sound sources ...**



BatCell is a software product designed, developed, distributed and supported by MATELYS-Research Lab
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