



BUILDING ACOUSTIC STUDY

Data sheet nr 104A-a

Goals :

Residential buildings, Institutions, Health care facilities and Hotels should adhere to acoustic specifications concerning the sound insulation, absorption and sound levels that shouldn't be exceeded.

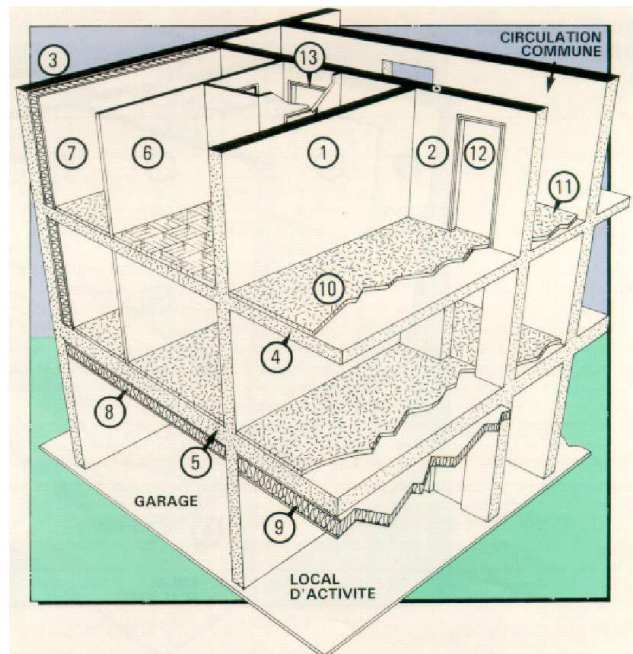
The regulations for this kind of buildings are the following :

- **Statutory order dated on June 30th, 1999** relative to the residential buildings specifications.
- **Statutory order dated on June 30th, 1999** relative to the acoustic regulation enforcement.
- **Statutory order dated on April 25th, 2003** relative to the noise limitation in the institutions.
- **Statutory order dated on April 25th, 2003** relative to the noise limitation in the Health care facilities.
- **Statutory order dated on April 25th, 2003** relative to the noise limitation in the hotels.
- **Circular dated on April 25th, 2003** relative to the acoustic regulation enforcement of the other buildings

dBVib who collaborates with the project owner is ready to help you to find solution to your various sound problems.



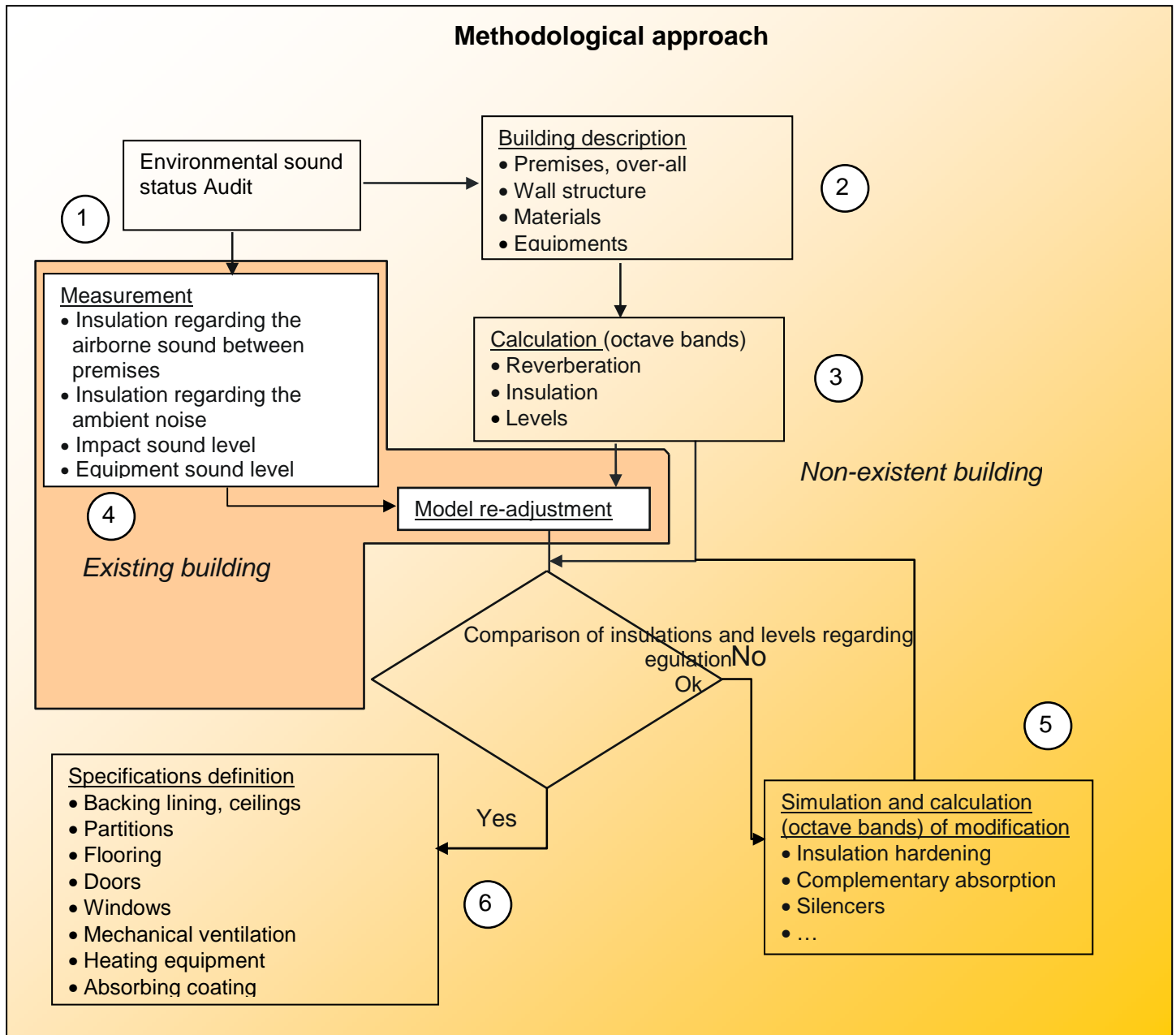
Standard NF S 31-057 : Acoustics-Buildings bounce inspection



In order to adhere to the regulation, the products have been classified (ESA1 to ESA6) to define solutions of suitable acoustic processes.

METHODOLOGICAL APPROACH

The acoustic study is developed as follows :



BENEFITS :

- This method helps to optimize the sound treatments, according to the different premises.
- The specifications are defined in collaboration with dB Vib Insonorisation, specialized in the design and solutions application for the acoustic treatments.

REFERENCES BUILDING ACOUSTIC STUDY (MM CAMPAGNA & MILLARD)

Auditoriums

- Music academies (Mairies de TOULON – RIVE DE GIER – VILLEFRANCHE SUR SAONE,...)
- Theaters (Mairies de GRENOBLE – SANARY – BEAUJEU,...)
- Festival hall (Mairies d’ORAISON – SEYNE LES ALPES – ESTRABLIN – BASTIA – LONGES,...)

Institutions

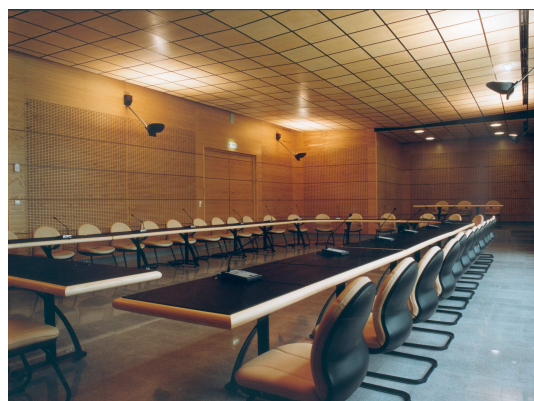
- Universities (L’ISLE D’ABEAU – AUBAGNE – ST QUENTIN FALLAVIER – MARSEILLE – Conseil Général des Bouches du Rhône)
- School (THOIRY – Ecole de Santé militaire de BRON,...)
- Collaboration with work teams: Architect firms, Civil engineering industry and so on ...

Swimming pools

- Vienne
- Ecole de Santé militaire de BRON
- Mairie de Vaulx en Velin

Others

- AMBRONAY Abbey, Swimming pools, Discotheques, Offices, Arena, Cinemas, Shooting gallery, Bakeries
- City hall Guilherand-Grange



REFERENCES BUILDING ACOUSTIC STUDY (dBVib consulting)

Institutions

- Collège Maryse Bastié à Décines
- Lycée J.M.Carriat à Bourg en Bresse
- INSA Bâtiment CHAPPE à Villeurbanne
- Collège Paul ELUARD à BOLLENE



Others

- Fret Satolas à Lyon
- Discothèque Le Sunshine à Valence
- Bâtiment de tribologie Elf à Solaize
- Cabaret « les folies du lac » (lac d'aiguille)
- Centre Perrache (plateau MJC)
- Hôtel AFRICA (Tunisie)
- Ecole de musique de Miribel

