

Installation / Abbreviation of Absorbers

Installation of the Absorbers

a) Ferrite Absorbers

The individual ferrite tiles are pre-assembled on chip wood boards, size 600 mm x 600 mm. For assembly in the chamber a rail system is installed in a grid of 600 mm which is screwed to the double bent edges of the shielding panels. The absorber panels are then bolted to the rails. If the chamber is constructed as a fully anechoic chamber, including the floor, the same absorber panels are used for the floor. To protect the ferrites on the floor, the surface is covered with a 5.0 mm thick felt covering. The floor height of the false floor will be at the same level as the doorsill.

b) Pyramid Absorbers

Pyramid absorbers are hung into a rail system construction, either directly (in case of thin-film absorbers) or after having been pre-assembled on supporting plates (in case of foam absorbers). In combination with ferrite absorbers the thin-film absorbers are installed using plastic threaded rods and the foam absorbers using a "Velcro" fastening.

All types of installation allow easy disassembly of the absorbers without damage.

Abbreviation (name convention) of Absorber Types

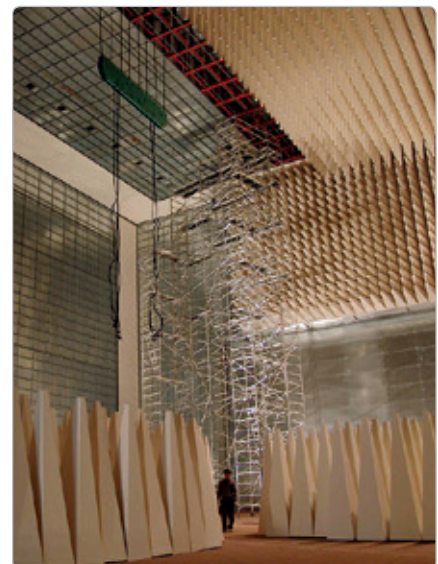
- Franko_{Sorb}® Fxxx: Ferrite absorber
- Franko_{Sorb}® Pxxx: Thin-film pyramid absorber
- Franko_{Sorb}® PFxxx: Foam pyramid absorber
- Franko_{Sorb}® Hxxx: Hybrid absorber with thin-film pyramid absorber
- Franko_{Sorb}® HFxxx: Hybrid absorber with foam pyramid absorber

(xxx = height of the absorbers)

The suffixes B2 and A2 indicate the respective fire class of the absorbers. Non-combustible absorbers (fire class A2) can only be realized with thin-film pyramid absorbers.

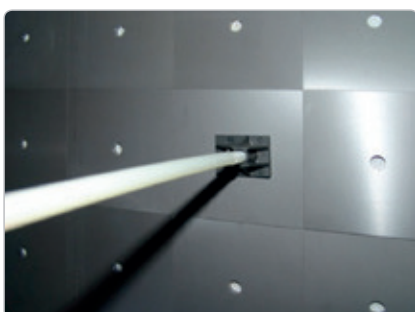


Structure for the installation of ferrite absorbers

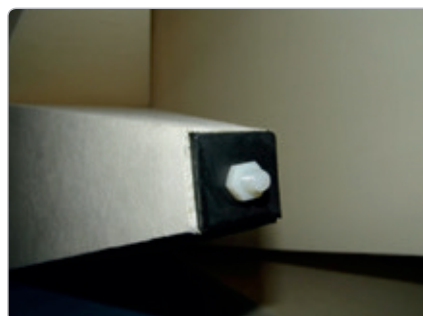


Rail system for the installation of pyramid absorbers

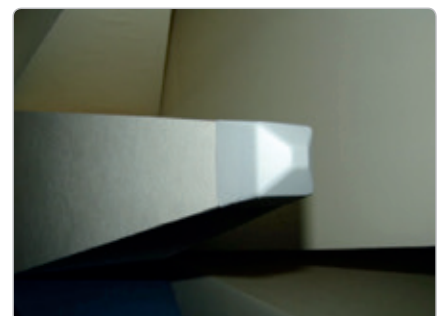
Installation of Hybrid absorbers:



Step 1



Step 2



Step 3