



# SCHROEDER DIFFUSOR

FINISH : PAINTING, WOOD, FABRICS

The **SCHROEDER DIFFUSOR** is a quadratic residue diffusor. Placed on walls, it reduces floating echoes, and homogenizes the reverberant field.



## COMPOSITION :

Made from Medium Density Fiberboard, the diffusors are available in several dimensions (according to desired frequency bandwidths), and with different finishes (wood, painting, lacquered, fabrics).

## ADVANTAGES :

- Very high acoustic diffusion on frequency bandwidth.
- Improvement of hearing comfort (reduction of tunnel effect, virtual widening of the room).
- Echoes and bad reflections reduction.
- Several finishes available : fabrics, paintings, wood.
- Wall or flush mounting.
- M3 fire-retardant.

## TECHNICAL DATAS :

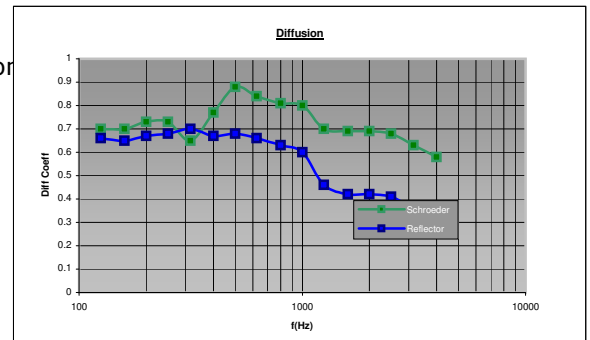
Dimensions :	600 x 1200 mm and 1200 x 1200 mm - <i>any size on request</i>
Standard thickness :	150, 200, or 250 mm
Finish :	Any wood species or paintings (mat, satin, lacquer).
Weight :	approximately 40 kg for a '1200 x 1200 mm' diffusor.
Fire-retardant :	M3

## ACOUSTIC PERFORMANCES:

The SCHROEDER DIFFUSOR brings an omnidirectional diffusion on a wide frequency bandwidth.

Its goals :

- Improvement of listening rooms acoustics.
- Flutter echoes reduction.
- Increasing the room liveness.



## INSTALLATION :

The SCHROEDER DIFFUSORS are placed vertically, or horizontally, with invisible hooks.

## APPLICATIONS :

- Control-rooms, home-studios.
- Auditoriums.
- Recording studios.
- Movie theaters, home-cinemas.
- Conference rooms.

