



DESCRIPTION

The Phonotech® PH-40 acoustic system offers a very performing sound insulation for walls and ceilings. Thanks to their **spring batten**, the Phonotech panels provide a mass-spring-mass effect. Due to its RD40 start and end battens, the Phonotech PH40 system forms an intuitive complete wall and ceiling assembly. This decoupling will block any transfer of vibrations through its shock absorbing effect and will provide optimum sound reduction.

INSTALLATION

Due to their light weight, Phonotech elements can be installed by **one person alone**. The intuitive Phonotech attachment system guarantees **easy and fast** assembly.

APPLICATION

The Phonotech® PH-40 acoustic system can be laid both on **vertical wall** and **flat or sloped ceiling**.

FINISHES

Once the Phonotech PH40 panels' installation is finished, it is recommended to install the last plasterboard layer (ex. 12,5 mm) offset. The final finishes possibilities are unlimited: wallpaper, facing, and so on.

ACCESSORIES

All the accessories needed to assemble the Phonotech PH40 acoustic system (such as retaining profiles, separating tape, acrylic putty, fasteners, etc.) can be supplied on request.

COMPOSITION OF PHONOTECH PH40

1. A spring batten :
 - 10 mm acoustic polyurethane foam
 - A 10mm coco mat
 - A treated timber batten
2. 40 mm specific density stone wool
3. 12,5 mm gipsplaat

ACOUSTIC PERFORMANCES

The Phonotech PH acoustic system guarantees **highly efficient sound insulation** relying on extensive laboratory testing subsequently confirmed by **on-site measurements**.

The Phonotech panel's acoustic performances, depending on implementation on different supports (wood, , etc.), are given on the system sheets.

Dimensions (mm)			Thermal resistance (m².K/W)	Weight (item)	Weight (kg/m²)
Length	Width	Thickness			
1200	600	52,5	1,182	19,37	26,9

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