DESCRIPTION

The Phonotech® DK80 element is based on the floating roof principle through its **spring batten** providing a mass-spring-mass effect. Due to its RD80 start and end battens, the Phonotech DK80 system forms an intuitive complete roofing 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 by installed by **one person alone**. The intuitive Phonotech attachment system guarantees **easy and fast** assembly.

APPLICATION

The Phonotech® DK80 acoustic system can be laid both on flat **roofing** and **sloped roofing**.

FINISHES

Most of our acoustic systems are tested without a finishing coat (sealing, tiles, etc.) This gives the customer **total freedom** on the choice of roof finish to be applied.

ACCESSORIES

All the accessories needed to assemble the Phonotech DK80 acoustic system (such as retaining profiles, separating tape, acrylic putty, fasteners, etc.) can be supplied on request.

COMPOSITION OF PHONOTECH DK80

1. A spring batten:
   - 20 mm acoustic polyurethane foam
   - A 10 mm coco mat
   - A treated wooden nailer

2. 80 mm specific density stone wool
3. 22 mm waterproof chipboard panel

ACOUSTIC PERFORMANCES

The Phonotech DK 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 (TAB106, perforated sheets, 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	102	2,41	15,67	21,76