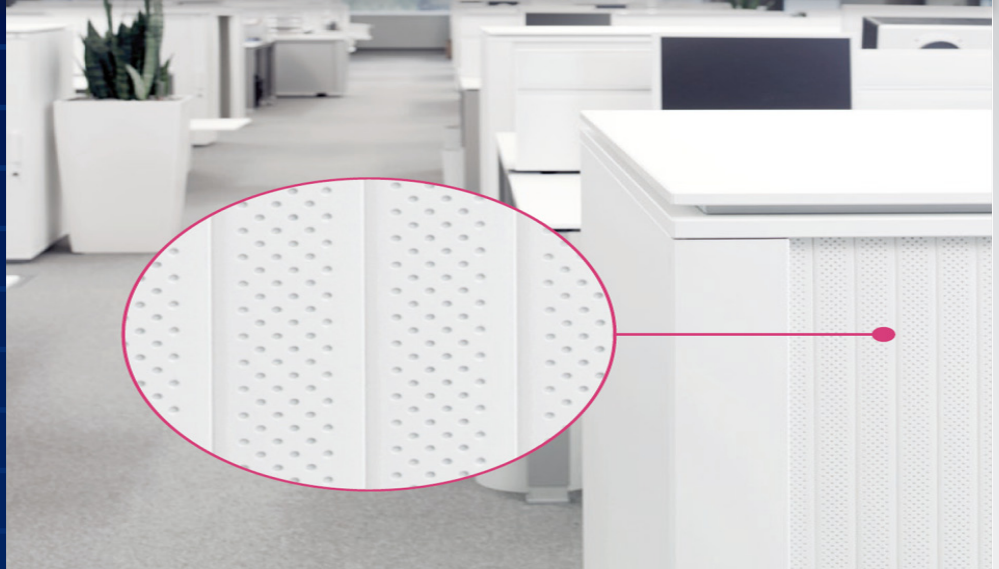


### ACOUSTIC LINE FROM REHAU



### Tailor made innovative designs...

The trend in office architecture is increasingly leaning towards large open plan spaces, however, this can have a negative effect on the acoustic balance within the room and subject employees to increased noise levels at work.

The REHAU Acoustic-line is an excellent system for furniture sound absorption. The broad band absorber provides excellent absorption characteristics in low as well as high frequency level and reduces the noise exposure in the speech-relevant range (150 - 4.000 Hz) for the working environment.

Sound waves that hit the external surface of the cabinet are absorbed, broken down and dispersed inside the cabinet, rather than round the room and as a result absorbs ca 80% of the sound that hits it. Up to 7x that of a normal tambour door.

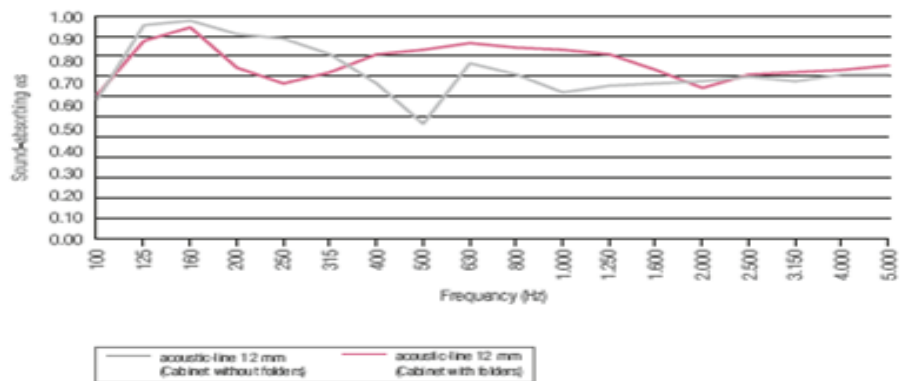
The patented REHAU Acoustic-line system is suitable for both cabinet and partition wall solutions. This award winning broad-band sound absorber serves to provide sound protection in the office area.

The clever combination of acoustics and storage space supports a practical solution to the genuine everyday problems of space and acoustics in the office.

### ACOUSTIC LINE FROM REHAU

#### RAUVOLET acoustic-line 12 mm

Sound absorption rate to ISO 354 (reverberation chamber)



Tailor made innovative designs...

Acoustic lines	Acoustic-Line 12mm
Holes	Front: $\phi$ 2mm/Rear $\phi$ 3.5mm
Proportion of space taken up by holes (front/back)	10.00% / 12.00%
Distance between the hole centres (front/back)	7mm / 8.73mm
Average sound absorption rate (to VDI 2569)	0.78*
Assessed sound absorption rate (to DIN EN ISO 11654)	0.8*
Sound absorption class (to DIN EN ISO 11654)	B*
NRC value (noise reduction certificate to ASTM C423)	0.75*
SAA value 9 sound absorption average to ASTM C423)	0.78*
Müller BBM< GmbH test institute, Munich	Test report no. M61 309/10, Test date 08.03.2006

\* The measurement values refer to the measurements in a reverberation test chamber to DIN EN ISO 354 and refer to cabinets filled with folders (420 mm deep). (L)\* = Low: Absorption rate in the low-frequency range is particularly good. Remark of the Müller BBM test institute, to DIN EN ISO 11654

