

## TECHNICAL DATA

**Exterior:** 1 mm. pre-lacquered smooth plate.

**Interior:** 0.5 mm. multi-perforated pre-lacquered plate.

**Colour:** Light grey similar to RAL 9002.

**Sound absorbing material:** 70 kg/m<sup>3</sup> rockwool.

**Finishing:** Rockwool with Black protection tissue.

**Dimensions of the panels:** 450 x 2000, 2500, 3000 or 4000 mm.

**Thickness:** 80 mm. **Weight:** 21 kg/m<sup>2</sup>.

**Perforation percentage:** 28 %.

**Maximum allowable working stress:**  $\sigma = 224 \text{ N/mm}^2$ .

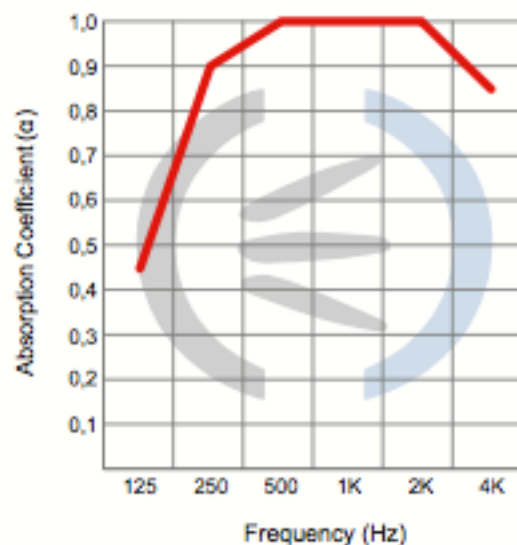
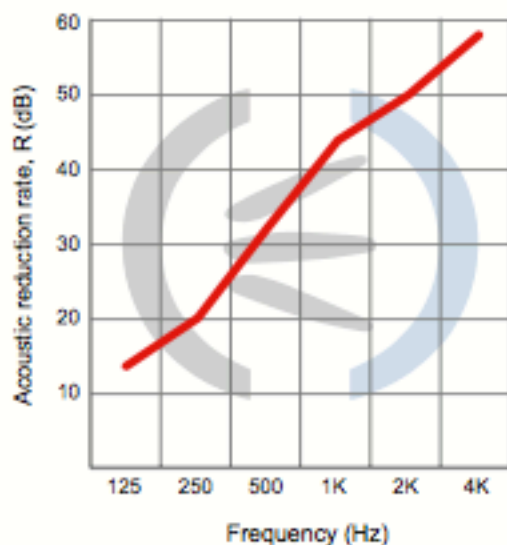
**Young's modulus:**  $E = 210.000 \text{ N/mm}^2$ .

**Fire resistance:** **B S1 d0** in accordance with **AITEX** Nr. 14AN1833.

**Acoustic certificate:** **APPLUS** Nr. 12/4570-709.

**Acoustic absorption:** **APPLUS** Nr 12/4570-708.

**CE marking.**



f(Hz)	125	250	500	1K	2K	4K
R(dB)	13	20	32	44	50	57

f(Hz)	125	250	500	1K	2K	4K
$\alpha$	0,45	0,90	1,00	1,00	1,00	0,85

Acustimodul-80A	
Overall acoustic reduction rate, $R_{w}$ (C;Ctr):	32 (-1;-6) dB
Index to assess airborne sound insulation $DL_R$ :	26 dB - Category B3
Single index to assess the sound absorption $DL_G$ :	15 dB - Category A4
Weighted sound absorption coefficient $\alpha_w$ :	1,00
Acoustic absorption class:	<b>A</b>

## PICTURES

