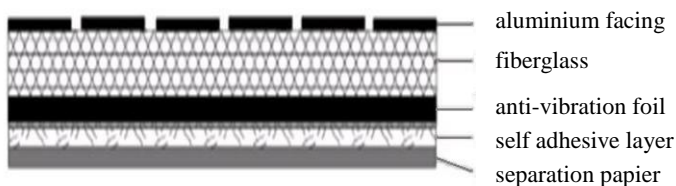




# ARAFOL

**Noise eliminating, sound proofing, damping and heat insulating absorptive material, with anti-vibration properties**

**Composition:** Arafol is a multi-layer foil made from aluminium facing, fiberglass, heavy anti-vibration foil AMS and the self-adhesive layer with protective separation paper



**Application:** for sound and vibration elimination for cars, heavy trucks, army vehicles, industry machines, trains, trams

**Total thickness**

8<sup>+2</sup><sub>-1</sub> mm

12<sup>+2</sup><sub>-1</sub> mm

18<sup>+1</sup><sub>-2</sub> mm

**Surface area**

6 500g/m<sup>2</sup> ±12%

7 400g/m<sup>2</sup> ±12%

8 900g/m<sup>2</sup> ±12%

**Supplied sizes:** standard size of board 2000 x 1 000 mm (boards can be supplied also in the different sizes and we are able to make different shapes, desks according to the decision of the client)

**Temperature resistance:** - 5 °C to 90 °C

**Installation:** apply to clean, non- fat, smooth surface, min. temperature for application +15°C

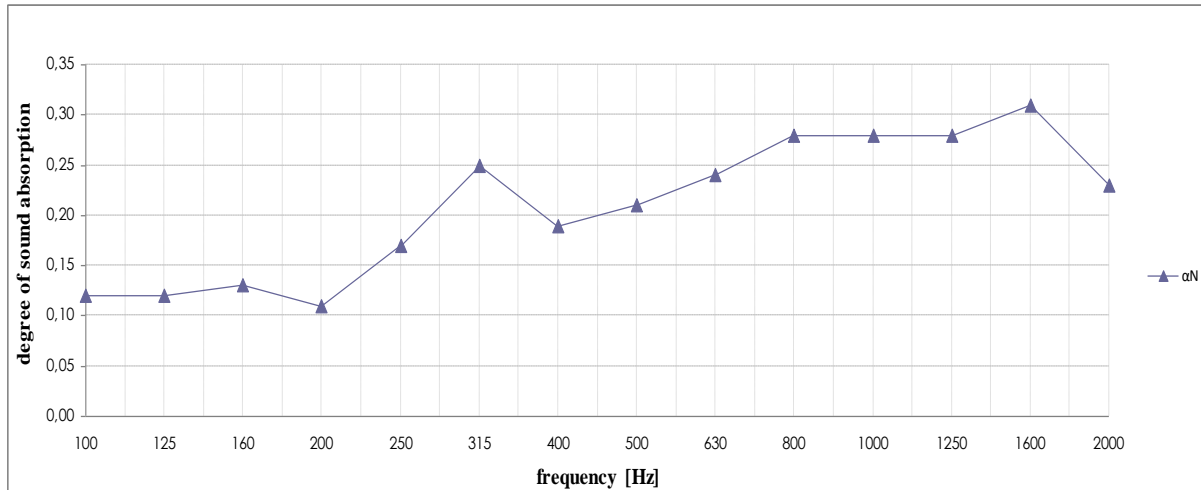
**Storage:** on dry, clean and close places with temperature 15 – 35°C

**Certificates:** Izolex a.s. - certificate type - STN EN ISO 9001

## Sound absorption

Arafol, thickness 8 mm

f [Hz]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000
$\alpha_N$	0,12	0,12	0,13	0,11	0,17	0,25	0,19	0,21	0,24	0,28	0,28	0,28	0,31	0,23



f -frequency [Hz]

$\alpha_N(-)$  -degree of sound absorption (measured in a tube)