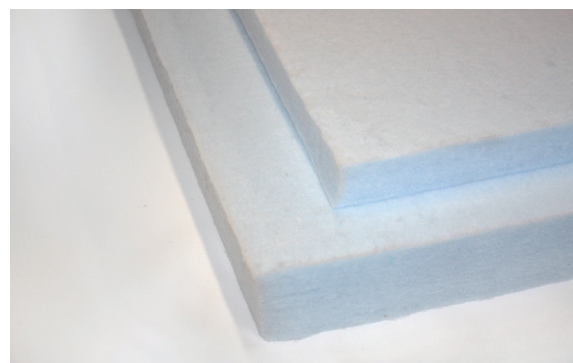


SOUND ABSORPTION SHEET

Code	SA-30 and SA-50
Composition	100% polyester staple fiber (fiber from PET recycling + thermobonding fiber)
Weight for unit area [g/m ²] <i>Package net weight / material nominal surface</i>	750, 1250 <i>Tolerance: nominal value ± 10 %</i>
Thickness, mm	30, 50 <i>Tolerance: nominal value ± 2 mm</i>
Use	Thermal insulation and sound absorption
Supply and packing	1000 x 2000 mm, 600 x 1200 mm Out of standard dimension to fix Length tolerances: ± 15 mm Width tolerances: ± 5 mm Standard packing: polyethylene foil
Technical information / notes	Reaction to fire (EN ISO 11925, EN 13823, EN 13501): cl. B-s2, d0 Sound absorption coefficient α_s (EN 20354):

α_s	Freq. [Hz]	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1,6k	2k	2,5k	3,15k	4k	5k
Thickn.	30 mm 25 kg/m ³	0,07	0,12	0,18	0,20	0,29	0,36	0,48	0,58	0,63	0,68	0,77	0,81	0,83	0,88	0,85	0,86	0,86	0,83
Density	50 mm 25 kg/m ³	0,15	0,19	0,28	0,34	0,48	0,59	0,71	0,83	0,86	0,91	0,94	0,96	0,96	0,96	0,92	0,92	0,92	0,96

- Thermal conductivity λ (EN 12667, ISO 8302): 0,034 W/m K *
- Specific heat: 1,20 KJ / Kg K **
- The product colour is light blue.
- The product is 100% recyclable.
- Type test carried out on density 25 kg/m³, thickn. 60 mm.
- Literature data and information, related to polyester.



Vecta Design LTD

Pärlimõisa tee 20, Pärnu

80010 Estonia

Phone: +372-(44)-23-023

Fax: +372-(43)-70-339