

smartline 23/6

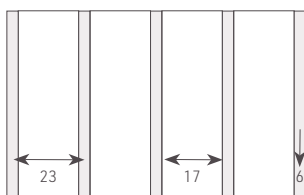
PRODUCT IMAGE



brochure

TECHNICAL DATA

- product description:** Decorative acoustic panel for walls and ceilings for mounting on substructure.
- dimension:** 2.770 x 184 x 36,5 mm (±0,5 mm)
- slotting:** 23/6
- core-board:** MDF
- rear side:** wood fiber absorber
slotted
- area density:** ca. 10 kg/m²
- surface:** veneer (coated | raw sanded)
Melamin
- fire classification:** normal flammability
- U-value:** U = 1,43 W/m²K (DIN EN 12667)
U = permeability coefficient
- formaldehyde:** E1 [DIN EN 16516]
(fulfils the requirements)
- edges:** longitudinal : tongue and groove system
transverse : industrial saw cut
- mounting:** vertical | horizontal
wall | ceiling
- accessories:** mounting-clip (optional)
mounting rail (optional)



- slotting:**
23 mm slit-mid ↔ slit-mid
6 mm slit
17 mm slat

PROVISIONAL NOTE:

This data sheet has been prepared to the best of our knowledge and belief. No liability can be assumed for printing and standard errors as well as errors. Due to (product) further development, there may be changes to the available data. The content of this data sheet should not be used as a legally binding basis.

SOUND ABSORPTION VALUES



overall build-up	36,5 mm	100 mm
cavity (open)	ohne	63,5 mm
panel (thickness)	36,5 mm	36,5 mm
frequency [Hz]	α_i	α_i
100	0,06	0,22
125	0,14	0,29
160	0,22	0,48
200	0,38	0,58
250	0,49	0,69
315	0,65	0,75
400	0,77	0,78
500	0,87	0,79
630	0,90	0,82
800	0,94	0,87
1000	0,97	0,90
1250	0,99	0,98
1600	1,00	1,02
2000	1,02	1,03
2500	1,01	0,99
3150	0,92	0,92
4000	0,82	0,84
5000	0,72	0,73
NRC	0,85	0,85
SAA	0,83	0,85
α_w	0,80	0,85
absorber class	B	B

