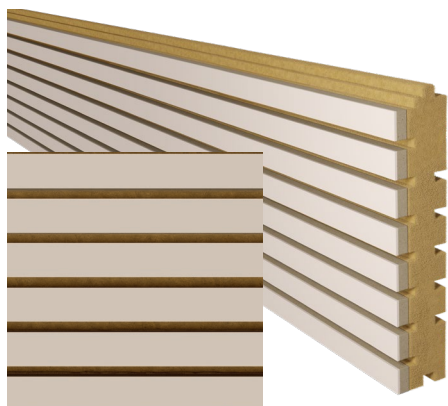


## smartline fr 23/6

### PRODUCT IMAGE



DoP EN 13986



brochure

### TECHNICAL DATA

**product description:** Decorative acoustic panel for walls and ceilings.

**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:** approx. 10 kg/m<sup>2</sup>

**surface:** CPL  
vener (coated | raw sanded)

**fire classification:** Flame-retardant (tested as a composite)  
C-s2, d0 according to DIN EN 13501-1

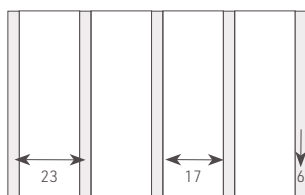
**U-value:** U = 1,43 W/m<sup>2</sup>K (DIN EN 12667)

**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)  
edge trims (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]	$\alpha_i$	$\alpha_i$
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
$\alpha_w$	<b>0,80</b>	<b>0,85</b>
absorber class	<b>B</b>	<b>B</b>

