

## FERRO Akustik

# THE NOISE ABSORBER FOR HEAVENLY SILENCE.



New  
decors and  
sizes



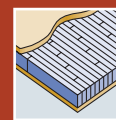
5-ply faces



Exterior grade  
MDF faces



Flat steel  
stabilizer



Laminated  
core



Robust  
construction



Acoustic  
insulation



TECHNICAL DETAILS

1/8 DOOR FRAME			
1 Framing/timber	Finger-jointed and laminated timber framing.		
8 Flat steel stabilizer	Lock-side patented flat steel stabilizer – thermally separated and sound insulated – to absorb tractive and shearing forces. Stabilizers are glued and friction-locked with the framework.		
Frame width/Options to shorten/Glass apertures		Thickness of door blank 68 - 98 mm	
		Frame width in mm	can be trimmed by
	Top	127	75*
	Side	lock-side 80/hinge-side 127	lock-side 25*/hinge-side 75*
	Bottom	127	85*
	Minimum distance for glass apertures on all 4 sides: 180 mm. The entrance width corresponds to the shortening dimension. When cut to minimum length at the bottom (85 mm/SSK4 10 mm), a single rebate (max. 18 mm) or fitting of drop down seal is possible.		
2 INNER LAYER			
Construction	– Sandwich construction of laminated core (spruce) including sound insulation – Surface stability through vertically aligned annual rings		
Bonding	Free of formaldehyde		
3-7 COVER BOARD			
Bonding	AW bonding according to DIN 68705 -2 – 5 layers (noble veneer, longitudinal) – 3 layers (cross grained veneer) = can be veneered individually Full-surface bonding with the overall construction		
EXTERNAL DOOR BLANK			
Model/finish	Cut and sanded		
Processing information	The sound insulation can be processed with woodworking machinery.		

\* with a max. rebate of 30 mm

CERTIFICATION

LENGTH IN MM	upto 2,600			
WIDTH IN MM	upto 1,230			
THICKNESS IN MM	68	78	88	98
DIFFERENT CLIMATE TESTING				
DIN EN 1121 : 2000-09	test climate c, d, e			
TOLERANCE CLASSES (by using three hinges)				
DIN EN 12219 : 2000- 6	3*			
THERMAL TRANSFER COEFFICIENT				
U-value (W/m²K) DIN EN ISO 10077-2 : 2012-06	1,2	1,0	0,85	0,78
SOUND INSULATION				
DIN EN ISO 717-1 R <sub>w</sub> (dB)	42-44	42-44	42-47	42-44
BURGLAR-RESISTANCE				
DIN EN 1627 : 2011-09	RC2/RC3*			
WEIGHT: 2,240 X 1,050 MM KG/PIECE	94	98	104	108

\* certified upto height 2,470 mm

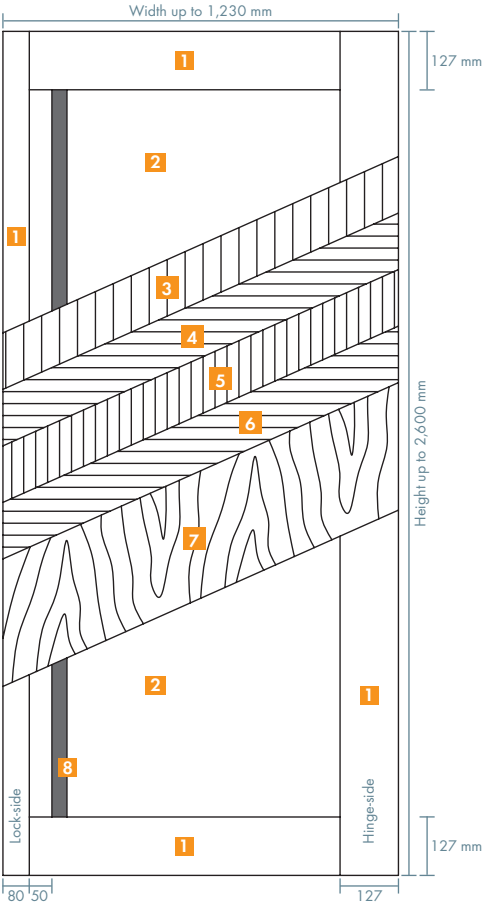


PRODUCT RANGE

FERRO AKUSTIK – 68 MM / 78 MM / 88 MM / 98 MM										
Length in mm	2,110 (1,950*)	2,240 (2,080*)	2,370 (2,210*)	2,470 (2,310*)	2,600 (2,440*)					
Width in mm	950	1,050	950	1,050	1,150	1,230	950	1,050	1,150	1,230
Mahogany	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Okoumé/Gabun	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Meranti	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Oak	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Knotty oak	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Knotty oak 3.5 mm**	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Rustic knotty oak	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Pine	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Spruce	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Larch	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Knotty larch	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
White fir	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Paint-grade	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
MDF Exterior	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
CPL	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
FERRO AKUSTIK – 66 MM / 76 MM / 86 MM / 96 MM										
Length in mm	2,110 (1,950*)	2,240 (2,080*)	2,370 (2,210*)	2,470 (2,310*)	2,600 (2,440*)					
Width in mm	950	1,050	950	1,050	1,150	1,230	950	1,050	1,150	1,230
Cross grained PV	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

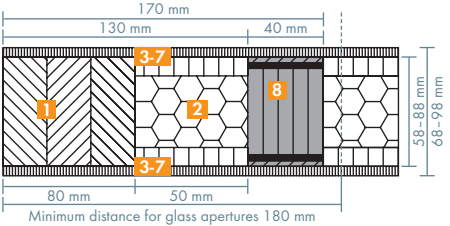
\* minimal dimension    \*\* cross-grain    ▲ available in 5 working days    PV = peeled veneer face  
All veneer surfaces = cut veneer or fine-line

FERRO Akustik

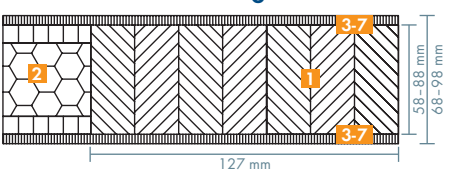


- 1 Framing/timber
- 2 Sandwich system with high heat insulation
- 3-7 Cover board
- 8 Flat steel stabilizer

Cross-section view lock-side



Cross-section view hinge-side



Despatch of single cargo

Direct delivery of a single pieces to the manufacturer is possible.

CNC-processing service

All types may be delivered CNC processed.

Profi-Net timber distributor

Further dimensions, sizes and facings on request.



Any Questions? Info-Hotline: +49 8026 92538-11    www.moralt-ag.com
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