



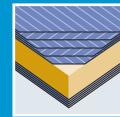
MORALT
the core of the door

FERRO KlassikPlus

THE BESTSELLER FOR SECURITY AND COMFORT.



New
decors and
sizes



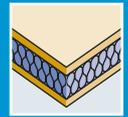
5-ply faces



Exterior grade
MDF faces



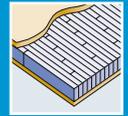
Flat steel
stabilizer



PU hard
foam core



Robust
construction



Laminated
core



Reliable and safe door solutions
www.moralt-ag.com

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 68/78/88/98 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 (85mm), a single rebate (max. 18 mm) or fitting of drop down seal is possible.			
2 INNER LAYER			
Construction	- Sandwich construction of laminated core (spruce) and HCFC-free and environmentally compatible PU hard foam - 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		

* with a max. rebate of 30 mm

CERTIFICATION

LENGTH IN MM	2,110/2,240/2,370/2,470/2,600			
WIDTH IN MM	950/1,050/1,150/1,230			
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 2.240 X 1.050 MM				
U-value (W/m²K) DIN EN ISO 10077-2 : 2012-06	0,95	0,84	0,73	0,65
SOUND INSULATION				
DIN EN ISO 717-1 R _{wp} (dB)	30/38*			
BURGLAR-RESISTANCE				
DIN EN 1627 : 2011-09	RC2/RC3**			
WEIGHT: 2,240 X 1,050 MM KG/PIECE	62	70	72	78

* model FERRO KlassikPlus Akustik on request
** certified upto height 2,470 mm



PRODUCT RANGE

FERRO KLASSIKPLUS – 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
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 KLASSIKPLUS – 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
Cross grained PV	▲	●	▲	▲	▲	▲	▲	▲	▲

* minimal dimension ** cross-grain ● in stock up to 68 mm ▲ available in 5 working days PV = peeled veneer face
All veneer surfaces = cut veneer or fine-line

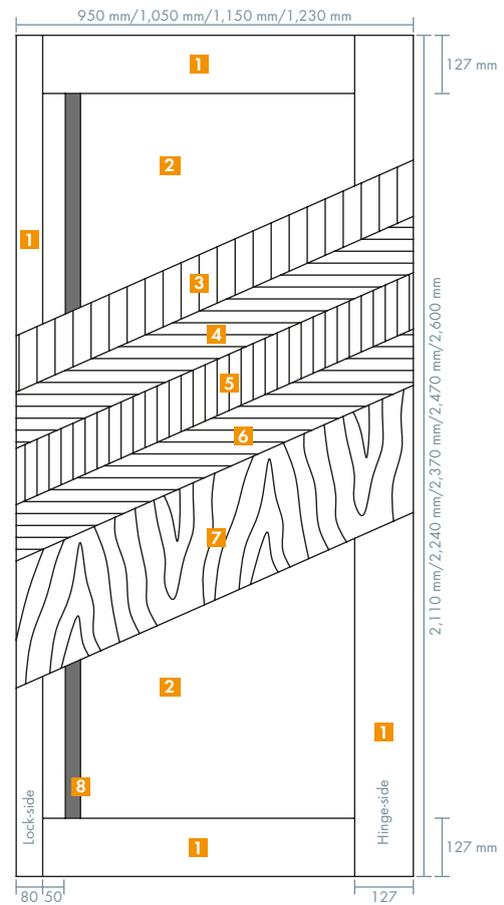
Further dimensions, sizes and facings on request.



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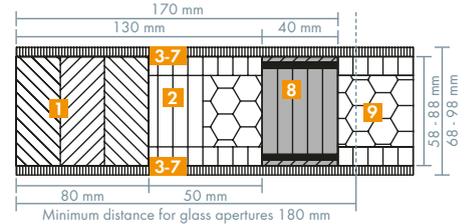
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FERRO KlassikPlus

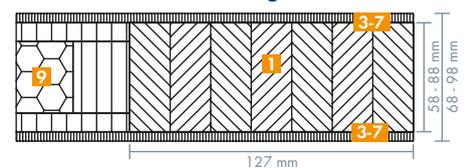


- 1 Framing/timber
- 2 Inner core layer in sandwich system/PU
- 3-7 Cover board
- 8 Flat steel stabilizer
- 9 PU hard foam

Cross-section view lock-side



Cross-section view hinge side



Despatch of single cargo

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

CNC-processing service

All types may be delivered CNC processed.