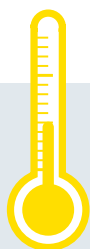




MORALT
the core of the door

FERRO FireSafe Passiv

THE ENERGY SAVER
FOR LOWER HEATING COSTS.



UKCA
EN16034



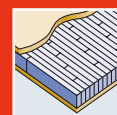
5-ply faces



Exterior grade
MDF faces



Flat steel
stabilizer



Laminated
core



Robust
construction



Passive-house
compliant



Fire
protection



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

TECHNICAL DETAILS

1/8 DOOR FRAME		
1 Framing/timber	Finger-jointed and laminated PINE framing.	
8 Flat steel stabilizer	Lock-side 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 98 mm	
	Frame width in mm	can be trimmed by
	Top	70 10*
	Side	70 10*
	Bottom	70 10*
Minimum distance for glass apertures on all 4 sides: 180 mm. The frame width corresponds to the shortening dimension. When trimmed by a maximum at the bottom (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 – With ecological solid timber insulation – Surface stability through vertically aligned annual rings	
Bonding	Free of formaldehyde	
3-7 FACING		
Bonding	AW bonding according to DIN 68705 -2 – 5 layers (noble veneer, longitudinal) Full-surface bonding with the overall construction	
EXTERNAL DOOR BLANK		
Model/finish	Trimmed and sanded	
Processing information	With FERRO FireSafe external door blanks you can easily manufacture fire resistant external doors. Please contact us and we will provide you with the relevant documents. Be aware of the nationally stipulated usability certificates.	

* with a max. rebate of 30 mm

CERTIFICATION

LENGTH IN MM	upto 2,470
WIDTH IN MM	upto 1,230
THICKNESS IN MM	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	0,76
FIRE RESISTANCE	
BS / EN 16034	EI30
BURGLAR-RESISTANCE	
DIN EN 1627 : 2011-09	RC2/RC3
WEIGHT: 2,240 X 1,050 MM KG/PIECE	80
SUCCESSFULLY TESTED TO PAS 24:2012	



PRODUCT RANGE

FERRO FIRESAFE PASSIV – 98 MM								
Length in mm	2,110 (2,090*)		2,240 (2,220*) / 2,370 (2,350*)		2,470 (2,450*)			
Width in mm	950	1.050	950	1.050	1.150	1.230	950	1.050
Mahogany	▲	▲	▲	▲	▲	▲	▲	▲
Okoumé/Gabun	▲	▲	▲	▲	▲	▲	▲	▲
Meranti	▲	▲	▲	▲	▲	▲	▲	▲
Oak	▲	▲	▲	▲	▲	▲	▲	▲
Knotty oak	▲	▲	▲	▲	▲	▲	▲	▲
Cross-grain knotty oak 3.5 mm	▲	▲	▲	▲	▲	▲	▲	▲
Rustic knotty oak	▲	▲	▲	▲	▲	▲	▲	▲
Pine	▲	▲	▲	▲	▲	▲	▲	▲
Spruce	▲	▲	▲	▲	▲	▲	▲	▲
Larch	▲	▲	▲	▲	▲	▲	▲	▲
Knotty larch	▲	▲	▲	▲	▲	▲	▲	▲
White fir	▲	▲	▲	▲	▲	▲	▲	▲
Paint-grade	▲	▲	▲	▲	▲	▲	▲	▲
MDF Exterior	▲	▲	▲	▲	▲	▲	▲	▲
CPL	▲	▲	▲	▲	▲	▲	▲	▲

* minimal dimension ▲ available in 5 working days

All veneer surfaces = cut veneer or fine-line



CNC-processing service

CNC processing on request.

Also available as a Passive House compliant door kit with accessoires.



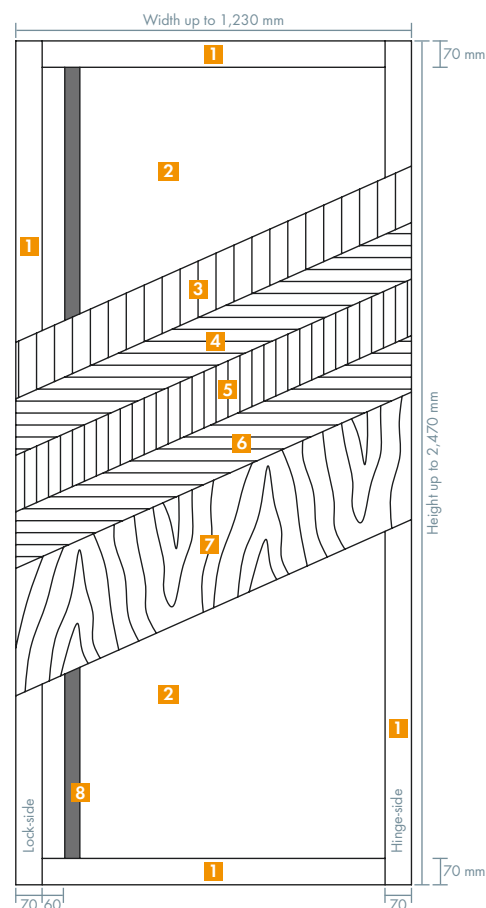
Further dimensions, sizes and facings on request.

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

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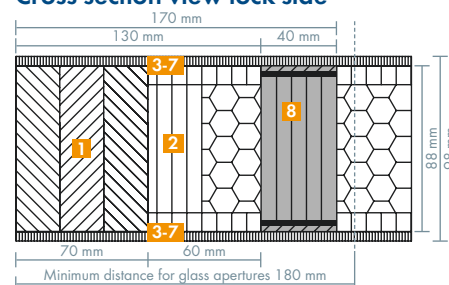
This information is according to the present state of knowledge and does not represent an assurance of properties. Existing laws and regulations are to be followed by the recipient of our products at his own responsibility. All information refers solely to products by Moralt AG.

FERRO FireSafe Passiv

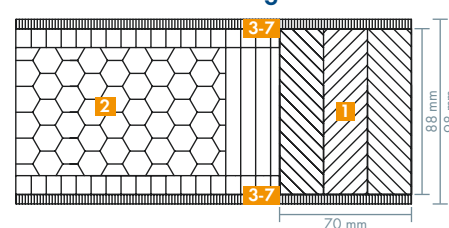


- 1 Framing/timber
- 2 Sandwich system with thermal and fire insulation
- 3-7 Facing
- 8 Flat steel stabilizer

Cross-section view lock-side



Cross-section view hinge side



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