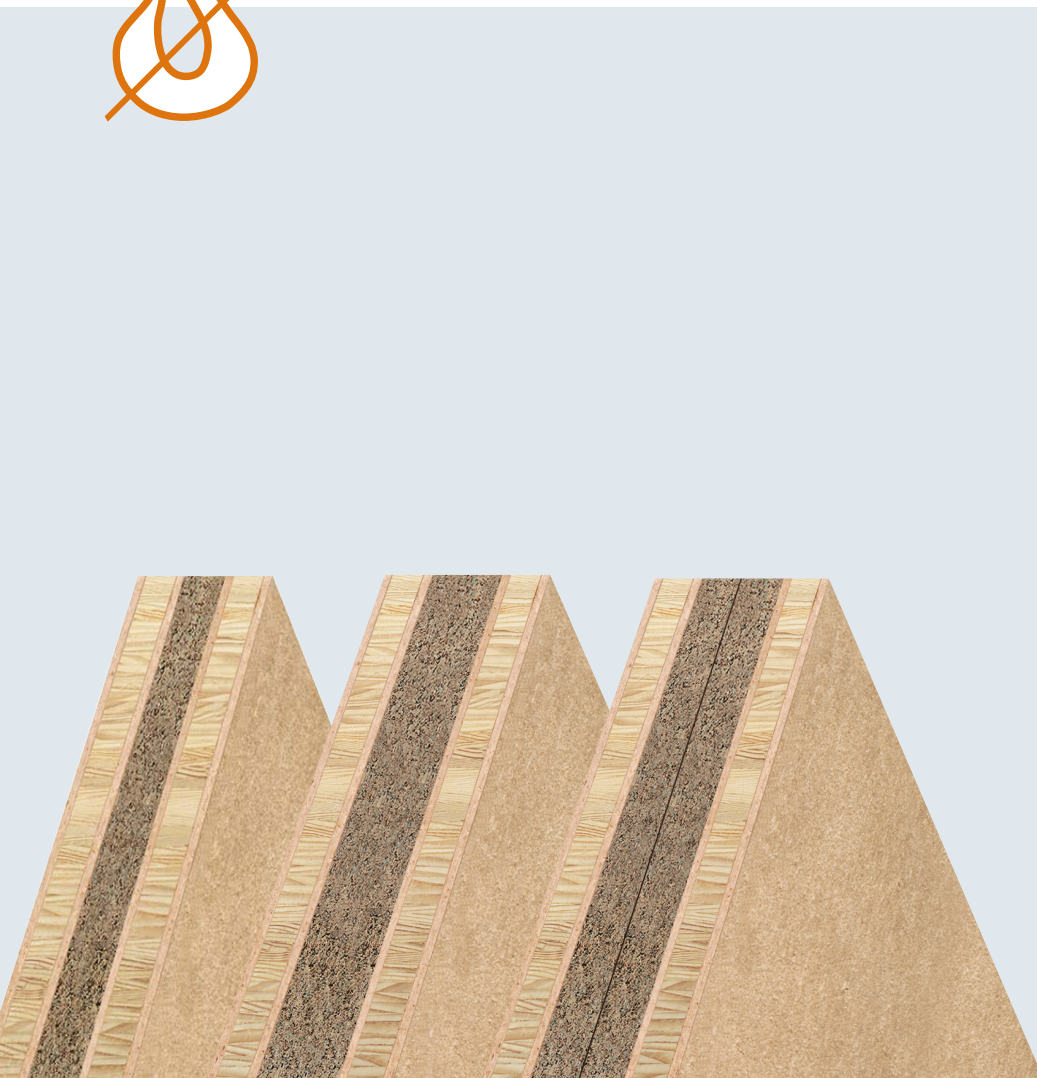




**MORALT**  
the core of the door

## LAMINESSE FireSound

# THE DOOR SOLUTION FOR INDIVIDUAL FIRE-RATED HIGH ACOUSTIC DOORS.



Moralt LAMINESSE  
FireSound MDF (44 mm)

Moralt LAMINESSE  
FireSound MDF (54 mm)

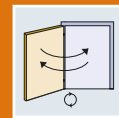
Moralt LAMINESSE  
FireSound MDF (59 mm)



Fire  
protection



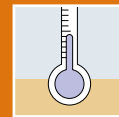
Acoustic  
insulation



Heavy-duty  
use



Smoke  
protection



Climate  
category



## TECHNICAL PRODUCT INFORMATION



TECHNICAL PRODUCT INFORMATION			
Thickness in mm	44	54	59
U-value door blank W/m <sup>2</sup> K	1,50	1,90	1,90
Acoustic performance (Rw dB)	40	40	43
Climate category EN 1121/1530	npd	B3/C3	B3/C3
Weight of door leaf in Kg/m <sup>2</sup>	32	40	44
Thickness tolerance	+2/-0,5mm	+2/-0,5mm	+2/-0,5mm
Length and width tolerance	+/-5mm	+/-5mm	+/-5mm
Perpendicularity	2mm	2mm	2mm
Straightness of edges	1,5mm	1,5mm	1,5mm
Formaldehyde emission EN717-1	0,09ppm	0,09ppm	0,09ppm
NAUF Quality	on request	on request	on request
Reaction to fire EN13501	class E	class E	class E
Mechanical strength EN1192		npd	
Resistance to vertical load EN947		npd	
Resistance to static torsion EN948		npd	
Resistance to soft and heavy body impact EN949		npd	
Resistance to hard body impact EN950		npd	

## TOLERANCE CLASSES

### DIN 68705, PART 2 6.1 DIMENSIONS AND LIMIT DEVIATIONS

Thickness (sanded): + 0,2/- 0,5 mm

Length and width: +/- 5 mm

Perpendicularity: 2 mm/m

Straightness of edges: 1,5 mm/m

Thickness difference within the panel: t/60 (t = Dicke in mm)

### PROCESSING

Moralt LAMINESSE FireSound consists of a sandwich panel with compressible sound insulations. Please kindly consider our Processing Guidelines.



Any questions? [www.moralt-ag.com](http://www.moralt-ag.com)

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