



## DECLARATION OF PERFORMANCE

No. 2.0 KKH LAMI double action door:  
single leaf / double leaf set  
KH LAMI double action door:  
single leaf / double leaf set

1. Identification code of the product-type:  
KKH LAMI double action door: single leaf / double leaf set  
KH LAMI double action door: single leaf / double leaf set
2. Intended use or uses of the construction product:  
Doors for hygienic and clean rooms
3. Name, registered trade name or registered trade mark and contact address of the manufacturer:  
Muovilami Oy  
Yrittäjäntie 5  
63700 Ähtäri  
FINLAND  
Puh. +358 (0)20 7281 828  
[www.lamidoors.com](http://www.lamidoors.com)
4. -
5. System or systems of assessment and verification of constancy of performance of the construction product:  
AVoCP 1
6. In case of the declaration of performance concerning a construction product covered by an European Technical Approval:  
ETA-13/0625 - notified factory production control certification body VTT Expert Service Oy No. 0809 performed the initial inspection of the manufacturing plant and a factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control 0809 -CPR - 1091.

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Safety in case of fire		ETA-13/0625 (28.06.2013) - Handled in points: Cleanability Chemical resistance Influence of moisture
Reaction to fire	NPD*	
Resistance to fire	NPD*	
Hygiene, health and environment		
Dangerous substances	No dangerous material *)	
Influence of moisture	No influence	
	Water absorption < 0,01	
Emissions		
TVOC. mg/m <sup>2</sup> h	0,02	
Formaldehyde, mg/m <sup>2</sup> h	< 0,02	
Ammonia, mg/m <sup>2</sup> h	< 0,01	
Carcinogenes, mg/m <sup>2</sup> h (as toluene equivalent C6 –C16)	< 0,002	
Cleanability / chemical resistance	16 h chemical contact	
	"No influence on the surface (chlorine, blood, milk, hydrochloric acid 30%, Sodium hydroxide 50%, paraffin, cooking oil, detergent, coffee, coca-cola)"	
Safety in use		
Impact strength	Average depth of permanent dents 0,2 mm and diameter 9,3 mm (falling height 3 m)	
Safety against personal injuries by contact	No sharp edges or surface roughness	
Mechanical strength		
Vertical point load	No deflection (door width 990 mm)	
Resistance to repeated opening and closing	300 000 openings to 60 angle, No influence on the openability	
Protection against noise		
Sound properties Rw	NPD*	
Energy economy and heat retention		
Thermal transmittance W/m <sup>2</sup> K	0,94 (one leaf door 900 x 2090 mm door leaf thickness 40 mm)	

Related aspects of serviceability	ETA-13/0625 (28.06.2013) Handled in points: <ul style="list-style-type: none"><li>- Cleanability</li><li>- Chemical resistance</li><li>- Influence of moisture</li></ul>	
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\*NPD = No Performance Determined

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ähtäri, Finland, 1st of January, 2015



Jaana Aho  
Managing Director