

# FACT SHEET



Lemix® Clay Building Boards are drywall panels perfectly suited for the entire spectrum of interior construction works. They are suited for interior walls, wall facings, lightweight partition walls, panelling of timber post-and-beam structures, ceilings and roof-slope coverings. They are equally suited for new building projects and for the refurbishment of existing buildings, as well as for projects involving the preservation of historical monuments.



**Lemix**®  
The brand clay panel

	Performance	Specification
Type	Clay building boards for lining and panelling: Clay building board (LP), (A),(B) - DIN 18948 - MHK II - 1,6 - 16 Clay building board (LP), (A),(B) - DIN 18948 - MHK II - 1,6 - 22	DIN 18948:12-2018
Board dimensions	Nominal length l: 1250 mm Nominal width w: 625 mm Nominal thickness t: 16/22 mm	
Dimension tolerances	MHK II Permissible Deviations: Nominal length l: $\pm 4$ mm    Nominal thickness t: + 1/-3 mm Nominal width w: $\pm 4$ mm    Evenness e: 3 mm Squareness r: 3 mm	DIN 18948:12-2018
Reinforcement	Natural, untreated wood fibre Surface reinforcement: jute	DIN 18948:12-2018
Mining area Raw materials	Northern Bavaria	
Stabilising admixture	Starch	DIN 18948:12-2018
Size per board	0,781 m <sup>2</sup>	
Board thickness	16 mm                      22 mm	
Board weight (per unit)	ca. 18 kg                      ca. 25 kg	
Board weight (per m <sup>2</sup> )	ca. 23 kg                      ca. 32 kg	
Pallet contents (per unit)	60                                      40	
Pallet contents (per m <sup>2</sup> )	46,88 m <sup>2</sup> 31,25 m <sup>2</sup>	
Article code	17 000 2016                      17 000 2022	
Bulk density class	1,6	DIN 18948:12-2018
Bulk density	ca. 1450 kg/m <sup>3</sup>	
Surface hardness	$\leq 15$ mm board with increased surface hardness	DIN 18948:12-2018
Flexural strength	$\geq 1,2$ N/mm <sup>2</sup>	DIN 18948:12-2018
Surface tensile strength	$\geq 0,1$ N/mm <sup>2</sup>	DIN 18948:12-2018
Vapor diffusion resistance factor	$\mu = 5/10$	DIN 18948:12-2018
Thermal conductivity	$\lambda = 0,353$ W/mK	DIN 18948:12-2018
Specific thermal capacity	C <sub>p</sub> ca. 1100 J/kgK	DIN 18948:12-2018
Site related thermal capacity	16 mm                      22 mm 25,3 kJ/Km <sup>2</sup> 35,2 kJ/Km <sup>2</sup>	
Vapor sorption class	WS III After 1 hour: $\geq 13$ g/m <sup>2</sup> After 6 hours: $\geq 40$ g/m <sup>2</sup> After 12 hours: $\geq 60$ g/m <sup>2</sup>	DIN 18948:12-2018
Building material class	non-inflammable	DIN EN 13501-1:2010-01
Seal of quality	natureplus®	
Quality Control	In-plant production control	DIN 18942-100:12-2018

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