

DATA SHEET

LEHMPLATTE



	PERFORMANCE	SPECIFICATION
Type	Clayboards for cladding and planking Clayboard (LP), (A), (B) - DIN 18948 - MHK II - 1.6 - 16 Clayboard (LP), (A), (B) - DIN 18948 - MHK II - 1.6 - 22	DIN 18948:2018-12
Dimensions	Nominal length l: 1250 mm Nominal width w: 625 mm Nominal thickness t: 16/22 mm	
Dimensional accuracy	MHK II Permissible deviations: Nominal length l: ± 4 mm Nominal thickness t: $+1/-3$ mm Nominal width w: ± 4 mm Flatness e: 3 mm Squareness r: 3 mm	DIN 18948:2018-12
Reinforcement	Natural, untreated wood fiber Surface reinforcement Jute	DIN 18948:2018-12
Stabilizing additives	Strength	DIN 18948:2018-12
Area per panel	0,781 m ²	
Panel thickness	16 mm	22 mm
Panel weight per piece	approx. 18 kg	approx. 25 kg
Panel weight per m²	approx. 24 kg	approx. 33 kg

Pfeffenhausen plant

Rottenburger Strasse 73
84076 Pfeffenhausen
Tel. 08782 - 25897-0
Fax 08782 - 25897-90

CONTACT US
WITH US ON



DATA SHEET

LEHMPLATTE

	PERFORMANCE		SPECIFICATION
Pallet stocking in pieces	60	40	
Pallet stocking in m²	46,86 m ²	31,25 m ²	
Item number	20006	20007	
Raw density	approx. 1450 kg/m ³		
Surface hardness	≤ 15 mm Panel with increased surface hardness		DIN 18948:2018-12
Bending tensile strength	≥ 1.2 N/mm ²		DIN 18948:2018-12
Surface tensile strength	≥ 0.1 N/mm ²		DIN 18948:2018-12
Water vapor diffusion resistance coefficient	μ= 5/10		DIN 18948:2018-12
Thermal conductivity	λ= 0.353 W/mK		DIN 18948:2018-12
Specific heat capacity	cp approx. 1100 J/kgK		DIN 18948:2018-12
Area-related storage capacity	16 mm 25.3 kJ/Km ²	22 mm 35.2 kJ/Km ²	
Water vapor sorption class	WS III After 1 hour: ≥ 13g/m ² After 6 hours: ≥ 40g/m ² After 12 hours: ≥ 60g/m ²		DIN 18948:2018-12
Building material class	A1 (non-combustible)		DIN EN 13501-1

Pfeffenhausen plant

Rottenburger Strasse 73
84076 Pfeffenhausen
Tel. 08782 - 25897-0
Fax 08782 - 25897-90

CONTACT US
WITH US ON



DATA SHEET

LEHMPLATTE

	PERFORMANCE	SPECIFICATION
Fire resistance (planked on both sides)	EI45 (=F30): Partition wall with timber studs 60×60 mm Jute insulation 60 mm Clay board 22 mm	DIN EN 1364-1:2015-09
	EI90 (=F90): Partition wall with timber studs 60×80 mm Jute insulation 80 mm Clay board 22 mm	DIN EN 1364-1:2015-09
	EI120 (=F120): Partition wall with timber studs 60×80 mm Jute insulation 80 mm, double-layer clay board 16 mm	DIN EN 1364-1:2015-09
Fire resistance (planked on one side)	F30: double-layer clayboard 16 mm	MFPA Leipzig GS 3.2/18-282-1
Rated sound insulation dimension (planked on both sides)	RW 52 dB: Partition wall with timber studs 60×80 mm Jute insulation 80 mm, plastered clay board 22 mm	DIN EN ISO 10140-2:2010-12
	RW 56 dB: Partition wall with timber studs 60×80 mm Jute insulation 80 mm, double-layer clay board 16 mm	
Seal of quality	natureplus®	
Monitoring	Factory production control	DIN18942-100: 2018-12
Waste disposal key	01 04 99 or 1701 03	AVV Waste Catalogue Ordinance

NOTE:

This data sheet is based on our experience to date. The information is intended to provide technical assistance for the trade and users. It does not constitute a legal claim, nor does it give rise to any obligation or liability. It does not replace the need for the user to test the suitability of the product and substrate in each individual case. This data sheet loses its validity in the event of new editions or product changes.

Pfeffenhausen plant

Rottenburger Strasse 73
84076 Pfeffenhausen
Tel. 08782 - 25897-0
Fax 08782 - 25897-90

CONTACT US
WITH US ON

