

# Technical data sheet

ClickBoard

all styles

## Product quality

Formats / mm	as stated in price list
Pieces / m <sup>2</sup> per pack	as stated in price list
Packs / m <sup>2</sup> per pallet	as stated in price list
Weight per pack / pallet in kg	as stated in price list

## Functional / Surface quality

Test standard	Requirements	Achieved values	
Bearing capacity limit for bending	DIN 4103-1: 5.2	DIN 4103-1: 4.1.2	pass (application areas 1 + 2)
Resistance concerning soft impact	DIN 4103-1: 5.3	DIN 4103-1: 4.1.3	pass
Resistance concerning hard impact	DIN 4103-1: 5.4	DIN 4103-1: 4.1.3	pass
Consol bracket	DIN 4103-1: 4.2	DIN 4103-1: 4.1.4	pass <sup>1.)</sup>
Chemical resistance	DIN 68 861-1	DIN 68 930	1B
Abrasion resistance	DIN 68 861-2	DIN 68 930: 2B	2A
Scratch resistance	DIN 68 861-4	DIN 68 930: 4B	4A
Resistance to impact (Blow-test)	DIN EN 438-2: 11	DIN 68 930 min. 15N	≥ 15N
Resistance to impact (falling ball)	DIN EN 438-2: 12	no visible damages	height 35mm
Light-fastness "Xenon arc lamp"	DIN EN 438-2: 16	stage ≤ 6	stage ≥ 6

## Physical properties

Average board-weight <sup>2.)</sup>			10.2 - 10.8 Kg/m <sup>2</sup>
Application as a non-bearing partition wall CW 75	DIN EN 20140-3, ISO 717-1	DIN 4109	up to R <sub>w</sub> = 45 db <sup>3.)</sup>
Application as a non-bearing partition wall CW 100	DIN EN 20140-3, ISO 717-1	DIN 4109	up to R <sub>w</sub> = 49 db <sup>3.)</sup>
Gas-aerated wall (GBW-depth 200mm, area related mass m' = 105 KG/m <sup>2</sup> )	DIN EN 20140-3, ISO 717-1	DIN 4109	R <sub>w</sub> = 45 db <sup>3.)</sup>
ClickBoard drywall lining with gas-aerated wall	DIN EN 20140-3, ISO 717-1	DIN 4109	R <sub>w</sub> = 53 db <sup>3.)</sup>
Lime sand brick wall (KS-depth 175mm, area related mass m' = 355 KG/m <sup>2</sup> )	DIN EN 20140-3, ISO 717-1	DIN 4109	R <sub>w</sub> = 51 db <sup>3.)</sup>
ClickBoard drywall lining with lime sand brick wall	DIN EN 20140-3, ISO 717-1	DIN 4109	R <sub>w</sub> = 56 db <sup>3.)</sup>
Contact resistance	DIN IEC 1340-4-1		> 1 x 10 <sup>6</sup> Ω
Surface resistance	DIN IEC 93		> 1 x 10 <sup>9</sup> Ω
Fire behaviour	DIN 4102-1		B 2 <sup>4.)</sup>
Fire behaviour	EN 13501-1		D-s1 d0
Fire behaviour	BS 476:PART 7		CLASS 1
Fire behaviour	UME 23727		M-3
Fire behaviour	STN 73 0862		C 1
Fire resistance "ClickBoard TW F30"	DIN EN 1364-1:99 and DIN EN 1363-1:99		F 30-AB <sup>5.)</sup>
Thermal conductivity	DIN 52612		0.129 W/(m*K)
Specific heat capacity			0.99 Jg <sup>-1</sup> K <sup>-1</sup> (at 20°C)
Vapour permeability	DIN EN ISO 12572		1526

## Environment

Formaldehyde (E1 = 0.1ppm)	≤ 0.05 ppm	≤ 0.05 ppm
Environmental label RAL-UZ38 "Blauer Engel"		fulfilled
LGA "tested for contaminants"		fulfilled
Disposal:	material and re-usable energy source	material and re-usable energy source
AltholzV, KrW-/AbfG, Test conditions for secondary fuels		
Neutralisation of harmful substances and odours tested by ECO-Institute for the environment cologne and LGA Bavaria		ProAir System

## Certificates / Test reports

LGA "Quality certificate"	No. 1106
LGA "tested for contaminants"	No. 207 03
LGA Test report on the Quality certificate	IWQ MBL 733 1068



<sup>1.)</sup> see Extension Guide

<sup>2.)</sup> depending on the ClickBoard structure

<sup>3.)</sup> The values above have been ascertained in test-stand according to EN ISO 140-1.

<sup>4.)</sup> request general approval by the building authorities

<sup>5.)</sup> request general approval by the building authorities