

## Product Datasheet / Edition 01/18 / Replaces Edition 08/11

12.01.2018/Bea

### Characteristics:

<b>Application</b>	The product is a board for short-term indoor use and suitable for decorative applications.
<b>Sheet construction</b>	Sandwich element with PUR rigid foam core and coated white multiple layer paper.
<b>Behaviour in external conditions</b>	The board is not flame retardant. The foam shows no water absorption, only the cut cells. The layer is not resistant against water/humidity.
<b>Chemical effects</b>	The foam is resistant against nearly all solvents and glues. For glues with toluol please make trials. The layers can be processed with standard glues and inks.
<b>Behaviour against thermal effects</b>	Sheet processing temperature Continuous Td = -20°C up to 100°C Short-term Tk = up to 160°C
<b>Additional compliance to following standards</b>	DIN ISO 9001:2008  DIN ISO 14001:2004  BS OHSAS 18001:2007 (Development, manufacturing and sales of lightweight boards and PUR-forming parts)

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### Technical Data:

Attribute	Value			Tolerance	Unit	Method
Thickness	3	5	10	$\pm 0,6$	mm	KAPA-Meth.
Density	50	44	42	$\pm 3$	kg/m <sup>3</sup>	KAPA-Meth.
Weight per unit area	510	580	780		g/m <sup>2</sup>	KAPA-Meth.
Compression strength 10% compression set	~0,1	~0,17	~0,35		N/mm <sup>2</sup>	DIN 53421
Memory effect 10% compression set	~95	~96	~97		%	DIN 53421
Elastic modulus (E-Modul)	~1,5	~2,8	~5,0		N/mm <sup>2</sup>	DIN 53421
Bending strength	~4,0	~2,9	~2,1		N/mm <sup>2</sup>	DIN 53423
Closed cell structure	> 95				-	KAPA-Meth.
pH-value	8,8 (acid free)				-	DIN 53124

For available sizes please see delivery programme.

### Tolerances:

Width		$\pm 1$ mm
Length	< 2400	$\pm 1$ mm
	> 2400	- 1 + 10 mm
Right angle		$\pm 1$ mm / m