

Product Datasheet / Edition 04/16 / Replaces Edition 12/14

11.04.2016/Bea

Characteristics:

Application	KAPA®fix double-sided ready-to-mount support base for digital prints and large format photos etc.; fill-in-plate for mobile expo displays and framing elements.
Sheet construction	Sandwich-element with PUR-rigid foam core, composite aluminium lined chromosubstitute carton on both sides, double-sided self-adhesive.
Behaviour in external conditions	The board is flame retardant. Flame-protection class as per DIN 4102-B2. The foam shows no water absorption, only in cut cells. The layers are not resistant against water/humidity.
Chemical effects	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.
Behaviour against thermal effects	Sheet processing temperature Continuous Td = -20°C up to 100°C Short-term Tk = up to 130°C
Additional compliance to following standards	DIN ISO 9001:2008 DIN ISO 14001:2004 BS OHSAS 18001:2007 (Development, manufacturing and sales of lightweight boards and PUR-forming parts)

For more information please see www.display.3AComposites.com

All data are based on our current knowledge and experience.

They are considered as a reference without being legally binding.

Technical Datasheet / Edition 04/16 / Replaces Edition 12/14

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Technical Data:

Attribute	Value			Tolerance	Unit	Method
Thickness	5	10	15	± 0,6	mm	KAPA-Meth.
Density	47	45	45	± 3	kg/m ³	KAPA-Meth.
Weight per unit area	1070	1258	1510		g/m ²	KAPA-Meth.
Fire certification	B2				-	DIN 4102
Compression strength 10% compression set	~0,2	~0,4	~0,4		N/mm ²	DIN 53421
Memory effect 10% compression set	~95	~95	~95		%	DIN 53421
Elastic modulus (E-Modul)	~3,1	~5,5	~8,8		N/mm ²	DIN 53421
Bending strength	~4,6	~2,5	~2,1		N/mm ²	DIN 53423
Closed cell structure	> 90				-	KAPA-Meth.
PAT* (Photographic Activity Test)	passed				-	ISO 18916
pH- value**	8,3 (acid-free)				-	DIN 53124

* IPI Rochester

** measured without protective foil

For available sizes please see delivery programme.

Tolerances:

Width		± 1 mm
Length	< 2400	± 1 mm
	> 2400	- 1 + 10 mm
Right angle		± 1 mm / m

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