

**Product Datasheet / Issue 08/11 / Replaces Issue 01/08**

**Characteristics:**

<b>application:</b>	KAPA <sup>®</sup> mount support base for digital print and large format photographs, high quality mounting etc., fill-in-panel for exhibition and display systems.
<b>panel construction:</b>	sandwich – element with PUR – rigid foam core aluminium-reeinforced lined folding boxboard
<b>behaviour in external conditions:</b>	The board is flame retardant. Flame-protection as per DIN 4102 B2, 13501-1:E and BS476-7 class 1. The foam shows no water absorption, only in cut cells. The layer is not resistant against water/humidity.
<b>chemical effects:</b>	The foam is resistant against solvents and glues. For glues with toluol please make trials. The layer is resistant against glues and inks.
<b>behaviour against thermal effects:</b>	sheet processing temperature continuous T <sub>d</sub> = -20°C up to 100°C Short-term T <sub>k</sub> = up to 160 °C
<b>additional compliance to following standards:</b>	Certificate ISO 9001:2008 Certificate ISO 14001:2004 OHSAS 18001:2007 DIN 4102-1:1998-05 construction material class B2 DIN EN 11925-2:2001-07 Euroclass E BS 476 Part 7 class 1 Development, manufacturing and sales of lightweight boards and PUR-formed parts

All data are based on our current knowledge and experience. They are considered as a reference without being legally binding.



**KAPA**mount

## Technical Datasheet/ Issue 08/11 / Replaces Issue 01/08

### Technical Data and Tolerances:

attribute	value			tolerance	unit	method
thickness	3,0	5,0	10,0	± 0,6	mm	KAPA-Meth.
density	55,0	47,0	45,0	± 3	kg/m <sup>3</sup>	KAPA-Meth.
weight per unit area	800	870	1070	-	g/m <sup>2</sup>	KAPA-Meth.
fire certification	B2 E Class1			-	-	DIN 4102 EN 13501-1 BS476-7
compression strength 10% compression set	~0,10	~0,14	~0,43	-	N/mm <sup>2</sup>	DIN 53421
memory effect 10% compression set	~95	~95	~95	-	%	DIN 53421
elastic modulus (E-Modul)	~1,8	~2,1	~5,5	-	N/mm <sup>2</sup>	DIN 53421
bending strength	~9,8	~4,9	~2,7	-	N/mm <sup>2</sup>	DIN 53423
closed cell structure	> 95			-	-	KAPA-Meth.
ph-value	7,6 (neutral)			-	-	DIN 53124
CIE lab value	L=90,39 (a=-0,44 b=-0,61)			-	-	MINOLTA

\* IPI Rochester

### Packaging Units

thickness in mm	3	5	10		
sizes in mm	sheets per box			tolerance	right angle
1000 x 700	40	24	12	± 1 mm	± 1 mm/m
1000 x 1400	40	24	12	± 1 mm	± 1 mm/m
3000 x 1400	-	18	12	-1+10mm	± 1 mm/m
3050 x 1530	-	16	8	-1+10mm	± 1 mm/m

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