



Product Datasheet / Issue 06/11 / Replaces Issue 01/08

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
panel 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 as per DIN 4102 B2 andEN 13501-1:E. The foam shows no water absorption, only in cut cells. The layer is not resistant against water/humidity.
chemical effects:	The foam is resistant against solvents and glues. For glues with toluol please make trials. The layer is resistant against glues and inks
behaviour against thermal effects:	Sheet processing temperature continuous $T_d = -20$ up to 100 Short-term $T_k =$ up to 160 °C
additional compliance to following standards:	Certificate DIN ISO 9001:2008 Certificate DIN ISO 14001:2004 OHSAS 18001:2007 DIN 4102-1:1998-05 construction material class B2 DIN EN ISO 11925-2:2002-07 Euroclass E Development, manufacturing and sales of lightweight boards and PUR-forming parts



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Technical Datasheet/ Issue 06/11 / Replaces Issue 01/08

Technical Data and Tolerances:

attribute	value			tolerance	unit	method
thickness	5,0	10,0	15,0	± 0,6	mm	KAPA-Meth.
density	47,0	45,0	45,0	± 3	kg/m ³	KAPA-Meth.
weight per unit area	1020	1240	1450	-	g/m ²	KAPA-Meth.
fire classification	B2 E			-	-	DIN 4102 DIN 13501
compression strength 10% compression set	~0,18	~0,43	~0,45	-	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	7,5**(neutral)			-	-	DIN 53124

* IPI Rochester

** measured without protective sheet

Packaging Units

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

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