

# Factsheet Falconboard™ Build

Board length **	[mm]	2440 x	3050 x	2440 x	3050 x
Board width **	[mm]	1220	1490	1220	1490
Board thickness **	[mm]	10	10	18	18
Board weight	[kg/m <sup>2</sup> ]	1,85	1,85	2,1	2,1
Liner	[kg/m <sup>2</sup> ]	Gray karton with kraftliner and corona treated PE mat 0,75			
Core		CT0 recycled paper			
Recycled content	%	92,5		93,5	
Recyclability	%	100			
Forestry certification		-			
Tolerance length	[mm]	+/- 6			
Tolerance width	[mm]	+/- 3			
Tolerance height	[mm]	+/- 0,8			
Moisture content	[iso 287]	< 11%			
Compression strength	[kPa]	Plane > 400			
	[kN/m]	Lateral 12,5			
Units per box	[pieces]	9		5	
Fire certification	DIN 4102	B3			
Bending strength	[N/mm <sup>2</sup> ]	2,8			
Gloss	%	-			
Brightness	%	-			
Puncture	[mJ]	-			
Smoothness	[Sheffield]	-			
Application		Direct printing base for digital printing Interior signage 3-D POS/POP / supports large creative designs Exhibition panels / shop fitting Semi permanent furniture			

(EN310)

# GATOR™

## GATORFOAM®

Technical Datasheet/ Issue 08/11 / Replaces Issue 02/06

### Technical Data and Tolerances:

attribute	value				tolerance	unit	method
thickness	5,0*	5,0**	10,0*	25,0*	± 0,6	mm	KAPA-Meth.
density	~ 30	~ 30	~ 30	~ 30	± 3	kg/m³	KAPA-Meth.
weight per unit area	1120	1120	1310	1885	-	g/m²	KAPA-Meth.
compression strength 10% compression set	~0,25	~0,21	~0,36	~0,35	-	N/mm²	DIN 53421
memory effect 10% compression set	~ 98	~98	~97	~95	-	%	DIN 53421
elastic modulus (E-Modul)	~ 4,6	~ 3,4	~7,9	~13,5	-	N/mm²	DIN 53421
bending strength	~11,5	~10,1	~4,1	~1,0	-	N/mm²	DIN 53423
CIE Lab value	L=91,88 (a=+0,92, b=-1,19)				-	-	MINOLTA

\* bright, \*\* black

### Packaging Units:

thickness in mm	5,0*	5,0**	10,0*	25,0*	tolerance	right angle
sizes in mm	sheets pro Karton					
1220 x 2440	15	15	15	6	± 1,5 mm	± 0,7 mm/m
1525 x 3050	10	-	10	-	± 1,5 mm	± 0,7 mm/m

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

# GATOR™

## GATORFOAM®

Technical Datasheet/ Issue 08/11 / Replaces Issue 02/06

### Technical Data and Tolerances:

**application:**

GATORFOAM® is a product of the GATOR™ product range. An extremely rigid lightweight graphic arts composite panel with a hard smooth surface on both sides. Excellent for wall attachments and hanging applications (light weight, dimensional stability). Ensures high quality direct printing and mounting applications. Able to accept large format digital images. Adds depth and visual appeal to displays and signages.

**panelconstruction:**

Laminated sandwich-construction. Consists of an extruded polystyrene core laminated to two resin impregnated faces (proprietary technology).

**Behaviour in external conditions:**

The sheet is not flame retardant.  
The foam shows no water absorption, only in cut cells.  
The layer is not resistant against water/humidity.

**Chemical effects:**

The foam is not resistant against solvents, glues containing solvents and hot-melt-adhesive.  
The layer is resistant against customary water-based and UV-curing inks, layer is not resistant against glues and inks containing solvents.

**additional compliance to following standards:**

Certificate ISO 9001:2008  
Certificate ISO 14001:2004  
OHSAS 18001:2007  
Development, manufacturing and sales of lightweightboards and PUR-forming parts