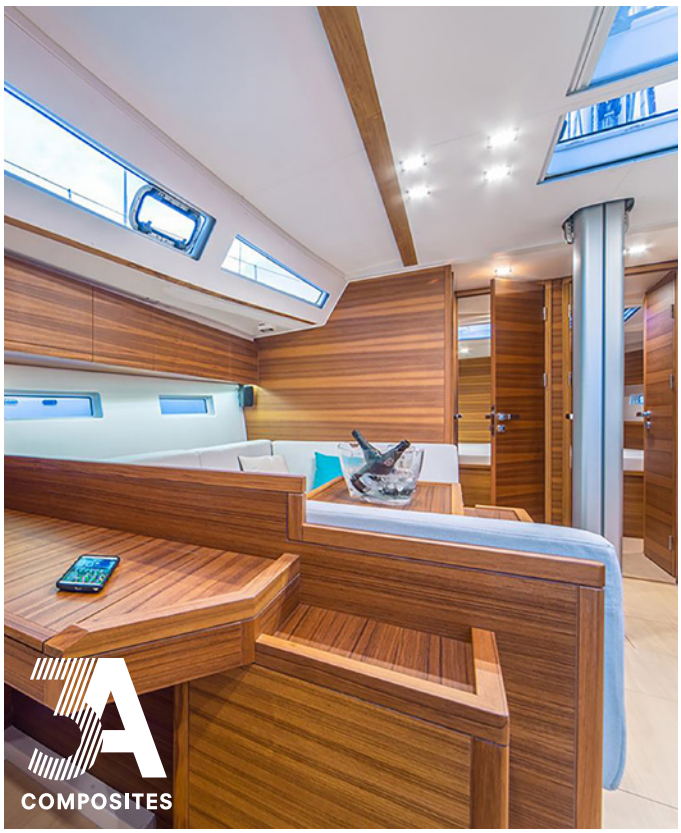
KAPA® inlay

AT A GLANCE

Lightweight foamboard with a closed-cell polyurethane foam core and both-sides polyester nonwoven composite surface layers.



KAPA® inlay

PRODUCT

- Lightweight foamboard with a closed-cell polyurethane foam core and both-sides polyester nonwoven composite surface layers
- Very good physical and mechanical properties
- Easy handling thanks to the low weight – Significant weight reduction in comparison to plywood and MDF
- Good dimensional stability
- Low adhesive consumption thanks to the closed surface
- Moisture- and temperature-resistant
- Solvent resistant and chemically inert

APPLICATIONS

- Ideal core material for sandwich elements in the field of lightweight construction
- Furniture-/Interior construction for the application areas shipbuilding, caravans and vehicles
- Carrier plate for CPL, HPL, metal, plastic and GRP coatings as well as for kitchen worktops, washbasins, partition walls and shelves

PROCESSING OPTIONS

- Can be processed with conventional woodworking techniques on standard machines
- Machining such as drilling, sawing or routing
- Easy processing with knife or blade
- Use of adhesive edge strips, solvent-based adhesives, kaurit and hot-melts – especially single-component adhesives based on polyurethane
- Subsequent forming in consideration of specific technical parameters possible
- Mounting of fixing elements such as profiles or hinges

DELIVERY PROGRAMME

- Standard format: 1350 mm x 3050 mm
- Other thicknesses and customized formats are available on request
- Surface perforation for GRP coatings are possible on request
- Delivery on pallet

Property	Unit	Method	**KAPA®inlay 60**				**KAPA®inlay 80**				
Thickness	mm		**5**	**10**	**15**	**20**	**3**	**6**	**9**	**16**	**18**
Tolerance			± 0.6				± 0.6				
Density (core)	kg/m³	DIN EN ISO 845	60				80				
Tolerance			± 5				± 10				
Weight per unit area	g/m²	DIN EN 29073-1	~ 480	~ 780	~ 1080	~ 1380	~ 420	~ 660	~ 900	~ 1460	~ 1620
Compression strength (10% compression set)	N/mm²	DIN EN ISO 844	> 0.5	> 0.6			> 0.7	> 0.8			
Memory effect (10% compression set)	%	DIN EN ISO 844	~ 97				~ 97				
Closed cell structure	%		> 95				> 95				

More information: www.transport-industry.com
All data provided are based on our current technical knowledge and experience. They shall apply as indicators without legal obligation.

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