

DATASHEET



KAPA[®] protect

CHARACTERISTIK

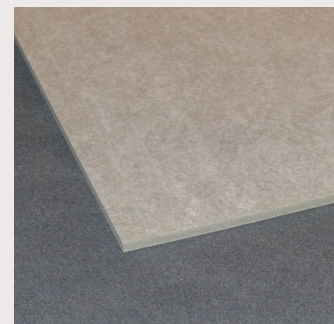
- Easily handling with cutter and blade
- Good physical / mechanical properties
- Good dimensional stability
- High thermal stability
- Low adhesive usage
- Water resistant and temperature stability
- Solvent – proof and chemically inert

ANWENDUNGSGEBIETE

- Transport packaging for coils and tubes
- Light weight construction

VERARBEITUNG

- Easily handling with cutter and blade
- can easily be processed using conventional wood processing techniques on standard machinery
- Proper composite with almost all surfaces
- The application of adhesives containing solvents and hotmelts is possible. Single-component adhesive based on polyurethane or kaurit glue are particularly suitable as adhesives.



KAPA protect is a lightweight panel with polyurethane foam core and polyester / PE composite foil on both sides

KAPA protect is ideal as a transport protection panel for heavyweight rolled goods (aluminium coils, paper and foil rolls, etc.) that are carried on pallets.



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Technical values and units KAPA protect	Value					Tolerance	Unit	Method
	3,0	5,0	8,0	10,0	15,0			
Panel thickness	3,0	5,0	8,0	10,0	15,0	± 0,6	mm	KAPA-Meth.
Volume weight	40	40	40	40	40	± 10,0	kg / m ³	KAPA-Meth.
Weight per unit area	200	280	400	480	680	-	g / m ³	KAPA-Meth.
Compression resistance at 10 % compression set	~ 0,33	~ 0,45	~ 0,42	~ 0,41	~ 0,43	-	N / mm ²	DIN 53421
Reset at 10 % compression set	~ 96	~ 96	~ 96	~ 95	~ 95	-	%	DIN 53421
E-Module	~ 4,9	~ 7,5	~ 6,8	~ 12,1	~ 12,0	-	N / mm ²	DIN 53421
Closed cell structure	~ 1,2		~ 0,8	~ 0,7	~ 0,6	-	N / mm ²	DIN 53421

Delivery mode: Pallet

Available in all standard formats up to width of 1950 mm; other formats available on request.

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The data provided gives approximate values for the nominal density. Due to density variations these values can be lower than indicated above. Minimum values to calculate sandwich constructions can be provided upon request. The information contained herein is believed to be correct and to correspond to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent.



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