

KAPA[®] MOUNT

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|---|--|
| Application | KAPA [®] mount serves as support base for digital prints and large format photographs, high quality mounting applications, etc. and as fill-in panel for exhibition and display systems.. |
| Sheet construction | Sandwich element with PUR rigid foam core and aluminium reinforced liners based on folding boxboard |
| Behaviour in external conditions | The board is flame retardant according to DIN 4102 B2. The foam shows no water absorption, only in cut cells. The layers are not resistant against water/humidity. |
| Chemical effects | The foam is resistant against solvents and glues. To use glues with toluol please make trials first. The layers can be processed with standard glues and inks. |
| Behaviour against thermal effects | Sheet processing temperature Continuous Td = -20°C up to 100°C Short-term Tk = up to 130°C |
| Additional compliance to following standards | DIN ISO 9001:2008 DIN ISO 14001:2004 BS OHSAS 18001:2007 (Development, manufacturing and sales of lightweight boards and PUR-forming parts) |

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

Technical Data:

| Attribute | Value | | | Tolerance | Unit | Method |
|--|-----------------------|------|------|-----------|-------------------|------------|
| Thickness | 3 | 5 | 10 | ± 0,6 | mm | KAPA-Meth. |
| Density | 55 | 47 | 45 | ± 3 | kg/m ³ | KAPA-Meth. |
| Weight per unit area | 800 | 870 | 1070 | | g/m ² | KAPA-Meth. |
| Fire classification | B2 | | | | - | DIN 4102 |
| Compression strength 10% compression set | ~0,1 | ~0,1 | ~0,4 | | N/mm ² | DIN 53421 |
| Memory effect 10% compression set | ~95 | ~95 | ~95 | | % | DIN 53421 |
| Elastic modulus (E-Modul) | ~1,8 | ~2,1 | ~4,5 | | N/mm ² | DIN 53421 |
| Bending strength | ~9,8 | ~4,9 | ~3,0 | | N/mm ² | DIN 53423 |
| Closed cell structure | > 95 | | | | - | KAPA-Meth. |
| pH-value | ~8,4 (acid-free) | | | | - | DIN 53124 |
| CIE lab value (approx. values) | ~L=90 (a=-0,4 b=-1,9) | | | | - | MINOLTA |

For available sizes please see delivery programme. Tolerances:

| | | |
|--------------------------|------------|-------------|
| Width | ± 1 mm | |
| Length | < 2400 | ± 1 mm |
| | > 2400 | - 1 + 10 mm |
| Tolerance in right angle | ± 1 mm / m | |

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