Kingkus

Kuspanel Series

Kuspanel® is manufactured by Kingkus New Material.The product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all of the performance properties stated within this guarantee.

Product Name Kuspanel®

Description 100% Recycled polyester needle punched, thermally bonded wallcovering,100% Polyester Fibre from polyethylene terephthalate (PET). Kuspanel® contains a minimum of 70% recycled polyester fibre.

Dimensions 1.22m x 2.44m or special size

Thickness 3-30mm,9/12mm in stock

Weight 2000gsm /2300gsm

Acoustic Performance

Kuspanel® is specifically designed to reduce and control reverberated (echo) noise in building interiors.

Acoustic testing to EN 13964:2004+A1:2006
Suspended ceilings.Requirements and test methods

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Kuspanel®	0.69	0.75	0.75	0.79	0.75	0.84	0.80

Suitable applications

Pinboard, Screen, Acoustic wall panel. Accepts pins and staples,Furniture

Toxicity

Polyester is classed as no more toxic than wood . Polyester is pH7.8 (where pH7.0 is neutral), resistant to biological, bacterial or vermin attack.

Test Method:With reference to EN 717-1:2004,ANALYSIS was performed by UV-VIS

Test Item(s)	Unite	MDL	001
Formaldehyde Emission(In air)	mg/m3	0.080	ND

Finish/Surface

Non-woven. No pattern repeat but Kuspanel® has a directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.
In the new technology, through the secondary processing, the two sides are smooth, but individual boards will still have less need and directional grain on the back

Colour Fastness to Light

Kuspanel® is suitable for indoor use only. Colour and light-fastness are dependent on use and exposure. Avoid strong ultraviolet radiation

Fire Ratings
EN13501-1:2007+A1:2009 B - s2, d0 (EN 13823:2010+A1:2014/EN ISO 11925-2:2010+Corl:2011)

EN13501-1:2007+A1:2009 B - s1, d0 with fire rated fiber

BS476 part 7:1997+Amd.No.C1:2004 is classified as Class

1Y. ASTM E84 Class A-FSI 0,SDI 170 with fire rated fiber

Cleaning And Care:
Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner
Commercial Instant Spot Remover has been used with success for light soil. No guarantee is given for cleaning results with this product.

Physical description / properties
Boiling Point:	N/A	Melting Point:	428ºF
Vapour Pressure:	N/A	Specific Gravity:	Polyester 1.38
Flash point:	N/A	Explosive limits:	N/A
Solubility in water:	Not soluble	Alkalinity:	pH 7.8
Relative Vapour Density:	N/A		

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