

Decorative Panels Lamination offer a new range of 0.7mm thermoplastic decorative surface finishes from AE Core. A new, innovative and robust PVC based sheet material that forgoes technical misgivings of high pressure laminate whilst still having a very high impact resistance.

Uses and Applications

- Educational furniture & fit out
- Exhibition applications
- Healthcare furniture & fit out
- Food industry applications
- Shopfitting & retail fit out
- Public buildings furniture & fit out
- Residential & commercial furniture
- Furniture applications including fascia panels – vertical & horizontal surfaces
- Furniture doors
- Work surfaces on counters & table tops
- Wall panels
- Cubicles & lockers

Benefits of Using the Product

- High wear resistance and durable
- High impact resistance
- Solid colour through core therefore no joint lines
- Easy to cut and machine with conventional wood working machinery
- PVC substrate wont crack, split or shatter when compared to HPL
- Easier to cut and work with than HPL
- Emboss-in-register (EIR) on wood grains give realistic visual effect
- Anti-fingerprint surface
- Soft touch effect

Colours and Finishes Available

There is a wide range of colour and finish options on offer; please consult the Decorative Panels Lamination 'Technical Surfaces' brochure for more information on www.decorativepanels.co.uk or RIBA product selector. Finish options are dependent on colour choice. Edgbanding to match colours.

Technical Information

Available as standard in the following substrates and sizes:

MDF	dp-lite hollowcore
3050 x 1300 x 15mm	2440 x 1220 x 22mm
3050 x 1300 x 18mm	2440 x 1220 x 35mm
	2440 x 1220 x 50mm

Laminated with balancer.
FSC® certified product.



Aftercare and Cleaning

We recommend cleaning with a cloth using warm water and mild soap or household cleaning products. Cleaners with abrasive acids or alkalis are not recommended.
For stubborn stains use hypochlorite bleach followed by clean water rinse.

This product data sheet has been drawn up to the best of our knowledge. All information provided is based on practical experience as well as in-house tests and reflects our current state of knowledge. It is intended for informational use only and does not constitute a guarantee in terms of product properties or suitability for specific applications. In addition, technical modifications can result from our continuous further development, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical data sheet should therefore not be considered as instructions for use or as legally binding. We accept no liability for any mistakes, errors in standards or printing errors.

Technical Information

Tested to EN 438-2:2016

Property	Value	Comments
Resistance to surface wear	≥300	Revolutions
Resistance to impact by large diameter ball	5	Drop height ≥ 1000mm ≤5.9mm average crater diameter
Resistance to scratching	2	Smooth finishes
	4	Textured finishes
Resistance to immersion in boiling water	4	
Resistance to water vapour	5	
Resistance to dry heat 160°C	2	
Resistance to dry heat 70°C	5	
Resistance to wet heat 100°C	4	
Resistance to wet heat 55°C	5	
Resistance to staining	5*	*Rating 2 Acetone
Light fastness	5	Grey scale rating

Rating Grades	Requirement
5	No visible change.
4	Slight of gloss and/or colour, only visible at certain viewing angles.
3	Moderate change of gloss and/or colour.
2	Marked change of gloss and/or colour.
1	Surface distortion and/or blistering.



For more information visit:
www.decorativepanels.co.uk
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