

Uniboard® Melamine 101

Uniboard® melamine is a composite wood-based panel onto which a decorative paper layer is thermally fused (heat and pressure) to the top and bottom surface in order to create a durable and decorative panel. The melamine resins used to bond the decorative paper and panel together are renowned for their unique physical properties including: durability; hardness; scratch and stain resistance; as well as colour stability.

Maintaining your Uniboard® melamine surfaces to look polished and new is easy. Following production, panels can be cleaned with the help of paint thinner or solvents used for varnish or contact glue. For regular cleaning, use a soft cloth or paper towel with soap and water or a non-abrasive household cleaner to gently wipe the area.

DECORATIVE SURFACE CHARACTERISTICS

Properties	Testing methods	Uniboard® meets testing requirements
WEAR RESISTANCE	NEMA LD 3-2005	400 cycles (solid colours) 125 cycles (prints)
APPEARANCE	NEMA LD 3-2005	No surface defects
STAIN RESISTANCE	NEMA LD 3-2005	1-10 no effect (solid colours) 11-15 moderate (prints)
CLEANABILITY	NEMA LD 3-2005	Max 20
LIGHT RESISTANCE	NEMA LD 3-2005	Slight
HIGH TEMPERATURE RESISTANCE	NEMA LD 3-2005	Slight
RADIANT HEAT RESISTANCE	NEMA LD 3-2005	No effect after 60 seconds
BOILING WATER RESISTANCE	NEMA LD 3-2005	No effect
IMPACT RESISTANCE	NEMA LD 3-2005	381 mm/m 15°
FIRE RESISTANCE	ASTM E-84	Class III
WARPING	CPA Annexe D	3 mm/m
FORMALDEHYDE EMISSION	ANSI A208.1.99	<0.08 ppm

