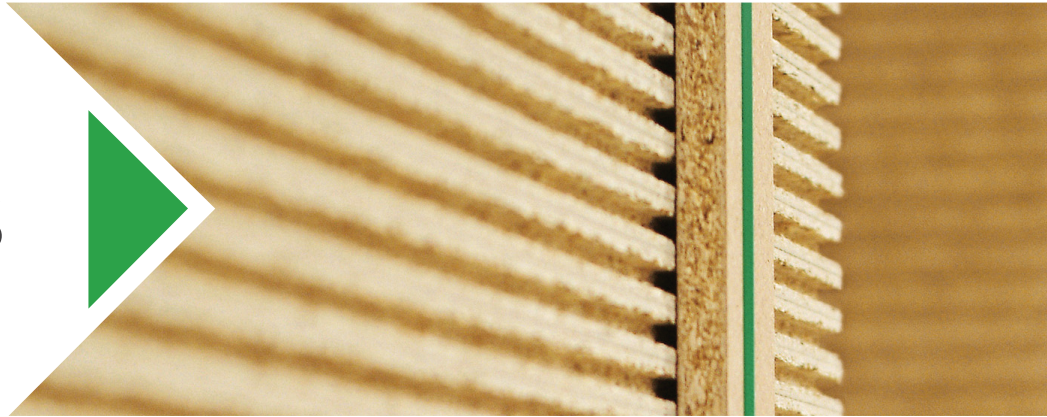


TFL PANELS



PRODUCT DESCRIPTION

Uniboard® TFL panels are produced with cutting edge technology that thermally fuses melamine saturated paper to either particleboard or MDF core. With over 130 colours and 11 finishes, this premium collection is one of the most diversified and comprehensive line of TFL colours and textures in North America.

These cost-effective and durable panels are perfect for residential, commercial, retail or institutional applications. They can be used alone or complemented by a complete coproduct program including edgebanding, HPL, 3DL, mouldings and doors. The product is offered in multiple dimensions, thicknesses and finishes to meet market demands.

Uniboard TFL panels are produced at our world class manufacturing facilities in Sayabec, Val-d'Or and Laval, Quebec. The facilities house the most advanced TFL press in North America, capable of producing two-sided synchronized and deep embossed textures.



IDEAL APPLICATIONS

Uniboard TFL panels are excellent for applications such as:

- Kitchen cabinets
- Bathroom vanities
- Office furniture
- Residential, commercial and institutional furniture
- Point-of-purchase, trade show and exhibition display stands
- Storage units

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 Type A, B or C
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
Fire Resistance	ASTM E-84	Class III or C
Warping	CPA Annexe D	3 mm/m

¹ Technical specifications are also available for other grades at uniboard.com



FORMALDEHYDE EMISSIONS GRADEMARK CERTIFICATION PROGRAM

Uniboard fulfills the requirements of EPA TSCA Title VI (40 CFR 770) and/or CARB 2, CAN/CSA-0160-16, ANSI A208.1 and California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.



ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION



FSC® CERTIFICATION

Uniboard is FSC® (Forest Stewardship Council®) certified for chain of custody by the Rainforest Alliance. FSC® certified panels are available upon request.



LEED® CONTRIBUTION

Can help you achieve up to 2 LEED® points, based on the LEED 2009 Credits:

- Indoor Environmental Quality: IEQ 4.4
- Materials and Resources MR 4.1, MR 4.2, MR 5.2 and MR 7



Can help you achieve up to 2 LEED points, based on the LEED v4 Credits:

- Materials and Resources: Building Product Disclosure and Optimization — Sourcing of Raw Materials
 - Incorporating pre-consumer recycled material
 - Use of materials that are extracted and manufactured within the project region



Although the information in this document is presented in good faith and believed to be correct, Uniboard makes no representations or warranties as to the completeness or accuracy of the information. Uniboard shall have no liability for any errors or omissions contained therein or for any consequences of same.