



melamine

Setting
the standard

 **UNIBOARD®**



melamine

Setting the standard.... in design

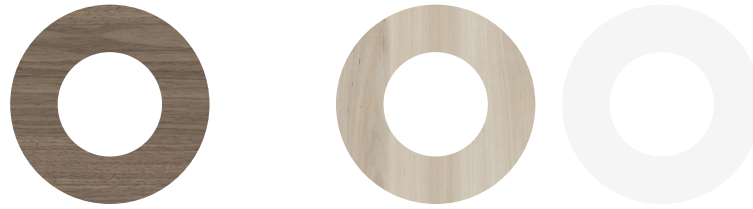
Capturing the essence of natural beauty, earthy textures and soft natural fabrics, Uniboard® melamine offers a luxurious collection of cool, neutral woodgrains, exotics and linear designs that are versatile enough to transcend market segments and geographic regions.

The strength of Uniboard® melamine goes beyond quality to capture the perfect balance between commercial and residential design. These melamine designs will rejuvenate and bring life to all types of building projects.

Uniboard® melamine surfaces have long been a favoured choice among architects, designers, builders and manufacturers. We have design teams that draw on the expertise of architects as well as designers across Canada and the United States, both independently and through our extensive distribution networks.

We recommend using Uniboard® melamine in the following projects:

- Commercial buildings
- Residential condominiums
- Boutique & store fixtures
- Kitchen & bath applications
- Government & bank buildings
- Home organization & storage
- Furniture & shelving applications
- Hospitals & clinics
- Schools & libraries
- Wall panelling



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Designing with Uniboard® Melamine

Uniboard® melamine can be used alone or can be complimented by HPL, stained veneers, hardwoods, metals, glass and plastics. Depending on your design and building needs, it can be as versatile and as unique as you want it to be.

Follow our quick 3-step guide on how to best build your own custom look:

Step #1

Choose your pattern...

Available in over 90 stock colours, Uniboard® melamine can enliven every design with its wide range of solids, abstracts and patterns. We also have full access to WilsonArt, Formica and Coverright colour lines.

Step #2

Choose your surface finish...

From industry standard textures to satiny woodgrains and smooth high gloss surfaces, Uniboard® melamine is available in seven different designer finishes and can add a distinct dimension to every creation.

Step #3

Choose your core...

Uniboard® melamine is available on a wide range of particleboard and MDF substrates including our NU Green® panels, providing you with a greener solution to your building needs.



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integra™ dst
design • surface • match technology

Complimentary Products Program

Uniboard®'s Integra™ DST program takes the guesswork out of matching and specifying materials. A partnership between the industry's leading manufacturers, Integra™ DST assures a match between Uniboard® Melamine, HPL, edgebanding, 3D laminates, mouldings and 5-piece doors.

Design

Matches designs and colours to complimentary products by other manufacturers

Surface

Ensures a seamless match in terms of gloss and texture

Match technology

Verifies all aspects of corresponding products are a match using the latest means of technology



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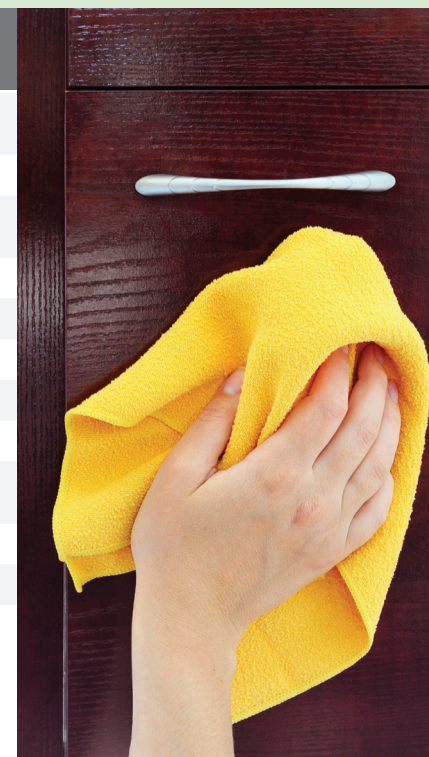
Uniboard® Melamine 101

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



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NEW

Setting the standard.... in sustainability

Uniboard® melamine is not only refined in appearance and elegant in tone, it also encompasses the essence of sustainability in all of its product offerings. Manufactured using 100% recycled and recovered wood fiber (pre-consumer), all Uniboard® panels save trees and avoid landfill.

For a greener solution, choose a core from our extensive NU Green® collection. Using NU Green® NAUF panels can help you achieve up to six LEED (Leadership in Energy & Environmental Design) points on your building projects.

NU GREEN® zero 
NAUF - Particleboard

NU GREEN® 2 
NAUF - Particleboard

- NAUF (No Added Urea Formaldehyde)
- ULEF certified (NU Green® zero)
- Meets or exceeds CARB Phase 2 emissions standards
- FSC and EPP certified
- Made from 100% recycled and recovered wood fiber (pre-consumer)
- Passes the 6 Cycle Accelerated Aging Test MR30 (NU Green® zero)
- Can help you achieve up to 6 LEED points



CARB
COMPLIANT

Due to the phenolic-resin binding system used to manufacture NU Green® zero NAUF particleboard, cutting, drilling, routing and glueing procedures may differ from those used with standard particleboard.

Although generally unproblematic, we recommend that you test NU Green® zero NAUF particleboard prior to full-scale production. For further details, please consult the NU Green® section of our website at www.uniboard.com.



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Uniboard® thermofused melamine panels can potentially contribute to achieving Leadership in Energy & Environmental Design (LEED)

				Obtain up to 5 LEED points	Obtain up to 6 LEED points
Category	Intention	Requirements	Credits & points	Particleboard, MDF & Melamine panels	NU Green® NAUF collection
INDOOR ENVIRONMENTAL QUALITY IEQ 4.4	Improve indoor air quality.	Composite wood products must contain no added urea formaldehyde resins.	1 point	N/A	NU Green® NAUF panels use no urea formaldehyde resins during the manufacturing process.
MATERIALS AND RESOURCES MR 4.1	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 10% of materials in the project.	1 point	Uniboard® particleboard, MDF and melamine is EPP certified 100% recycled and recovered wood fiber (pre-consumer).	NU Green® NAUF panels are EPP certified 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 4.2	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 20% of materials in the project.	1 point in addition to MR 4.1	Uniboard® particleboard, MDF and melamine is EPP certified 100% recycled and recovered wood fiber (pre-consumer).	NU Green® NAUF panels are EPP certified 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 5.1	Increase the use of materials that are extracted and manufactured within the project region.	Use a minimum of 20% of the combined value of construction materials and products manufactured within a 500-mile radius of the project.	1 point	Uniboard® particleboard, MDF and melamine is manufactured at various sites across Canada and the United States and may contribute to points based on the proximity of the project.	NU Green® NAUF panels are manufactured at our various sites in Canada and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 5.2	Increase the use of materials that are extracted and manufactured within the project region.	In addition to requirements of MR 5.1, use a minimum of 10% of the combined value of construction materials and products extracted, harvested or recovered, as well as manufactured within a 500-mile radius of the project.	1 point	Uniboard® particleboard, MDF and melamine uses wood fiber recovered locally from sources near our manufacturing facilities and may contribute to points based on the proximity of the project.	NU Green® NAUF panels uses wood fiber recovered locally from sources near our manufacturing facilities and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 7	Encourage environmentally responsible forest management.	Use a minimum of 50% of wood-based materials and products that are certified in accordance with the Forest Stewardship Council (FSC) Principles and Criteria, for wood building components. These components include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.	1 point	Uniboard® particleboard, MDF and melamine is FSC certified, chain-of-custody certification SW-COC-002726 (optional).	NU Green® NAUF panels are FSC certified, chain-of-custody certification SW-COC-002726.

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With facilities located across North America, Uniboard® panels are available in all major markets and can be ordered in the industry's widest selection of grades, sizes and thicknesses.

UNIBOARD® MILLS

Site	PB	MDF/HDF	TFM	Resin
SAYABEC, QUEBEC	○		○	
VAL-D'OR, QUEBEC	○		○	
UNIRES, QUEBEC				○
MONT-LAURIER, QUEBEC		○		
MONCURE, NC	○	○	○	

PB Particleboard

MDF/HDF Medium-density fiberboard / High-density fiberboard

TFM Thermofused Melamine



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