



CarbonZeroHPL

Interior & Exterior Panels

20
18

EXCLUSIVELY DISTRIBUTED BY

DUNDAS 
MATHESON
ARCHITECTURAL PRODUCTS

carbon
zerohpl

CarbonZero Portfolio

CarbonZero HPL Interior and Exterior Panels are produced with our changing environment in mind. 85% of the energy used to produce our collection is renewable and generates zero carbon into the atmosphere. To offset the remaining 15%, the planting of 200 Hectares of trees, captures 2000 tons of CO2 per year.

CarbonZero HPL panels consist of 70% paper, a fast renewable resource, combined with thermoset resins to offer the ideal, no maintenance, highly durable, decorative panel, no matter the application or climate.

Compact

Compact offers excellent mechanical, structural and thermal properties. Compact is a high resistance panel with more dimensional stability and moisture resistance than conventional laminate panels. Compact is structural and designed for demanding applications such as transport and medical wall cladding, public restroom cubicles, lockers and commercial tables and countertops. Common thickness ranging from 4mm to 25mm (.15" to 1").



CompactX

CompactX is 100% thermo stable, non porous, waterproof, suffers no corrosion or discoloration due to outdoor exposure ensuring a great appearance over time. CompactX can be produced with superior graffiti resistance. CompactX is maintenance free and carries a 10 year warranty for UV stability, panel integrity and flatness.



CompactX²

CompactX2 utilizes high performance polymers in collaboration with electron beam curing technology to give extreme durability in exterior applications. Perfect for outdoor table surfaces, areas subject to regular graffiti, laboratory and medical applications. CompactX2 can be utilized horizontally with full UV exposure and maintain a 10 year warranty.



HPL

CarbonZero HPL offers all of the surface durability of Compact with the flexibility to be adhered to a wide array of cores for applications such as interior doors, cabinetry, countertops, furniture and more. All Carbon Zero 1mm or .7mm thick HPL can be supplied with a matching edge treatment.



Duramatte

CarbonZero Duramatte finish combines the pleasant visual and tactile experience of an extreme matte finish, while removing concerns of fingerprints or fragility. Duramatte's unique surface provides superior scratch and wear resistance beyond that of typical laminate surfaces.



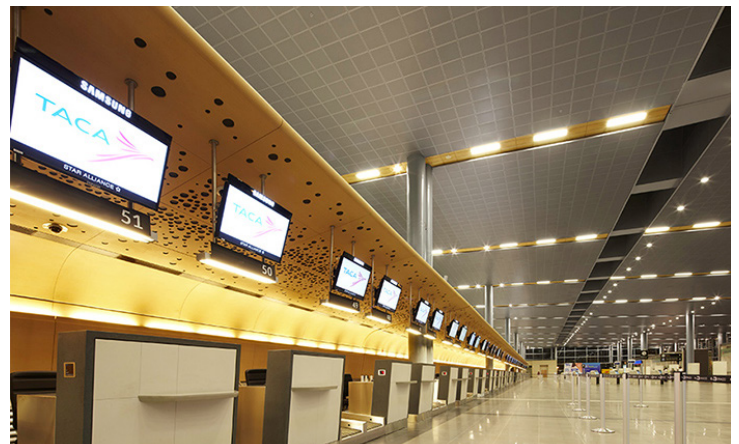
Digital

CarbonZero digital capabilities allow unique one-sheet productions in all standard panel dimensions in a matte or gloss finish. Panels may be specified for exterior use and can be sequenced to provide large-scale graphics across a façade.



Fire Retardant

CarbonZero is naturally fire retardant for the majority of applications. However Fire Retardant additives are available for projects that require the lowest degree of flame and smoke propagation. Tested under ASTM E-84, UNE-EN 13501 and NFPA 285 sometimes necessary in interior and exterior facades.



Lab Grade

Lab Grade has a higher Chemical resistance than that of standard grade laminates. It is recommended for applications in chemical and clinical laboratories, darkrooms, hospital furniture, etc. It is also ideal for vertical or horizontal applications where it is required that appearance and durability remain the same, when being exposed to chemical agents such as strong alkalis, corrosive salts, oxidant agents, organic solvents, strong acids, etc.



Solocore

CarbonZero HPL Solocore is produced 1mm (.040") (with backing layers the same as its surface, therefore obtaining a homogeneous color at corners or edges, giving the appearance of a solid material.



Dry Erase

Dry Erase offers a higher performance over conventional laminates for this kind of application. The Dry Erase requires easy maintenance in order to keep it free of marker traces. It is commonly used for institutional furniture at training academies, offices, schools and universities.



Metallic

CarbonZero Metallics are ideal when a metal appearance is desired with a high level of durability in either interior or exterior environments.



LEED Product Contributions

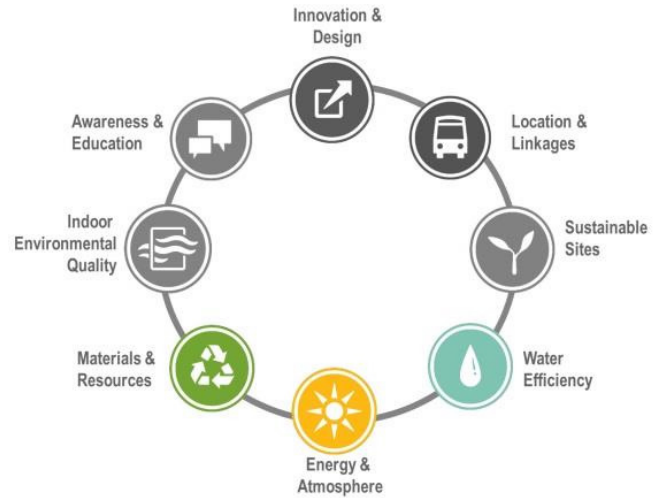
The following table shows the different credits in which the product can contribute and the number of possible points that can be achieved.

LEED 2009 for Core and Shell Development		
Resources, Water Efficiency		
Credit 13	Reduced use of water	1 to 4 points
Chapter, Materials and Resources		
Credit 1.1	Reuse of existing buildings	1 to 3 points
Credit 2	Waste management in construction	1 to 4 points
Credit 4	Recycled content	1 to 2 points
Credit 5	Regional Materials	1 to 2 points
Chapter, Energy and Atmosphere		
Credit 1	Optimize energy performance	3 to 21 points

LEED 2009 Retail for New Construction and Major Renovations		
Resources, Water Efficiency		
Credit 13	Reduced use of water	1 to 4 points
Chapter, Materials and Resources		
Credit 1.1	Reuse of existing buildings	1 to 3 points
Credit 2	Waste management in construction	1 to 4 points
Credit 4	Recycled content	1 to 2 points
Credit 5	Regional Materials	1 to 2 points
Chapter, Energy and Atmosphere		
Credit 1	Optimize energy performance	3 to 21 points

LEED 2009 for New Construction and Major Renovations		
Resources, Water Efficiency		
Credit 13	Reduced use of water	1 to 4 points
Chapter, Materials and Resources		
Credit 1.1	Reuse of existing buildings	1 to 3 points
Credit 2	Waste management in construction	1 to 4 points
Credit 4	Recycled content	1 to 2 points
Credit 5	Regional Materials	1 to 2 points
Chapter, Energy and Atmosphere		
Credit 1	Optimize energy performance	3 to 21 points

LEED 2009 for Schools New Construction and Major Renovations		
Resources, Water Efficiency		
Credit 13	Reduced use of water	1 to 4 points
Chapter, Materials and Resources		
Credit 1.1	Reuse of existing buildings	1 to 3 points
Credit 2	Waste management in construction	1 to 4 points
Credit 4	Recycled content	1 to 2 points
Credit 5	Regional Materials	1 to 2 points
Chapter, Energy and Atmosphere		
Credit 1	Optimize energy performance	3 to 21 points



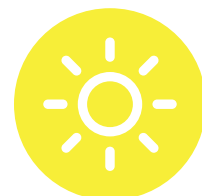
Water Efficiency

The material is self washable and does not require large waste water to maintain its appearance.



Materials and Resources

The content of material comes from FSC certified wood.



Energy and Atmosphere

You can install material as a ventilated facade, which could contribute when developing energy saving strategies.

CarbonZero Collection

Solids



Metals



 = Quick Ship Options

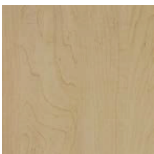
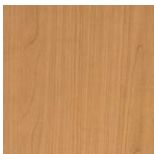
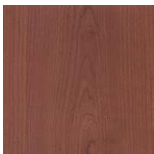
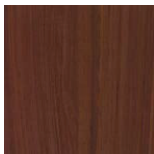
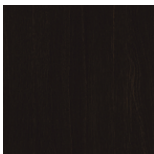
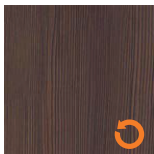
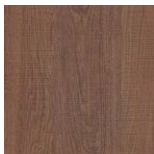
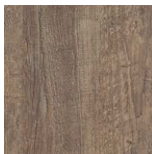
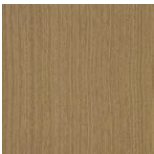
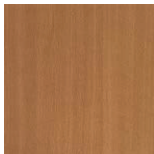
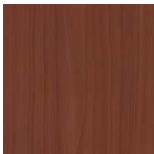

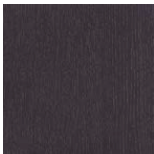
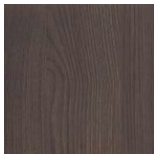
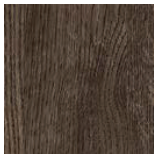
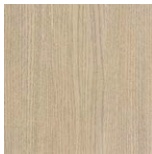





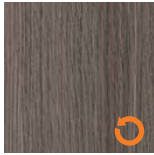



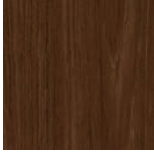
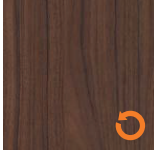
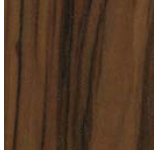
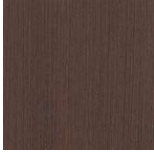
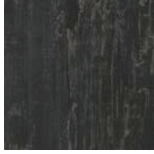
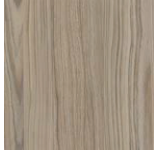

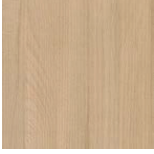
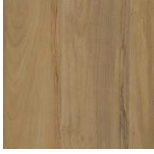
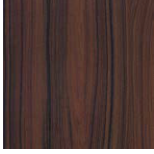
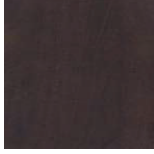
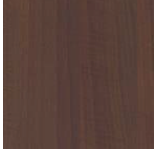
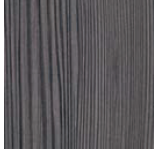
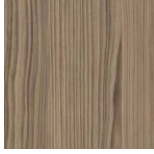
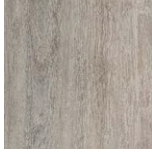
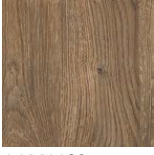

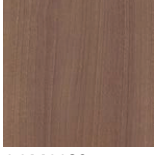
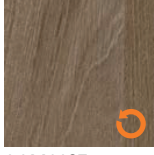

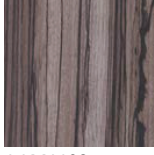
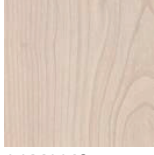
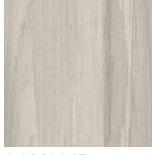
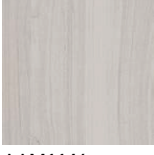
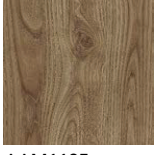
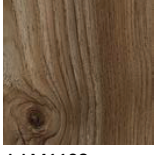
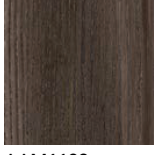
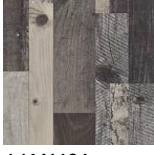
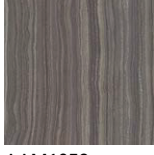
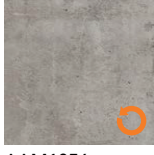
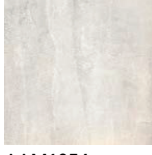
Sizes:

4 x 8 ft (1.22 x 2.44mt) **Limited Décors:**
4 x 10 ft (1.22 x 3.06mt) 5 x 8 ft (1.53 x 2.44mt)
5 x 12 ft (1.53 x 3.66mt)
6 x 8 ft (1.82 x 2.44mt)



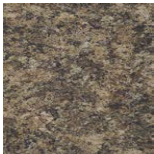


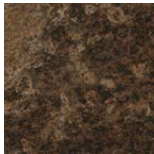

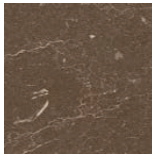
Thicknesses:

0.16" (4mm) 0.47" (12mm) 0.79" (20mm)
0.24" (6mm) 0.59" (15mm)
0.31" (8mm) 0.71" (18mm)

Woodgrains

							
AAM1075	AAM1086	AAM1093	AAM1094	AAM1105	AAM1115	AAM1121	AAM1124
							
AAM1079	AAM1087	AAM1090	AAM1096	AAM1114	AAM1111	AAM1125	AAM1137
							
AAM1076	AAM1082	AAM1095	AAM1098	AAM1102	AAM1110	AAM1141	AAM1139
							
AAM1084	AAM1101	AAM1122	AAM1118	AAM1119	AAM1106	AAM1130	AAM1140
							
AAM1077	AAM1135	AAM1099	AAM1103	AAM1117	AAM1108	AAM1128	AAM1134
							
AAM1123	AAM1083	AAM1120	AAM1127	AAM1104	AAM1109	AAM1142	AAM1145
							
AAM1146	AAM1185	AAM1182	AAM1183	AAM1184	AAM1058	AAM1056	AAM1054

Stones

							
AAM1040	AAM1039	AAM1186	AAM1073	AAM1066	AAM1065	AAM1060	AAM1061



*Please ask for our certified references.

The mark of responsible forestry
FSC® C116247



EXCLUSIVELY DISTRIBUTED BY

DUNDAS 
MATHESON
ARCHITECTURAL PRODUCTS

CSR@DUNDASMATHESON.COM 1-888-316-2122
DUNDASMATHESON.COM

carbonzerohpl.com

2825 Commerce Parkway
North Port, FL 34289

carbon
zerohpl

+1.844.307.9571