

carbon
zero hpl



CompactX
Exterior Compact

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**DUNDAS &
MATHESON**
ARCHITECTURAL PRODUCTS



CarbonZero

is produced in three different types.

Choose the type that best suits your project requirements.

1

UV radiation resistance (Type 1): with all the required qualities for an excellent performance in exterior environments. Under exterior environmental conditions, CarbonZero presents high resistance to the attack of polluting agents, ultraviolet radiation, strong changes of temperature, extreme cold weather and water. The finishes offered result from a high technology combination between inks and UV filters, which guarantee a highly stable appearance for many years.

2

UV Radiation and Anti graffiti (Type2): produced with an additional non-stick quality that facilitates all type of paint removal, frequently used in graffiti paints. These two options have a symmetrical structure with the same type of filter on both sides of the panel, which is very useful whenever your project requires CarbonZero in a woodgrain or granite design both, on the surface and the back.

3

Type 3 is an excellent solution for facades that require an anti-graffiti quality with only one of the sides with special woodgrain or granite design.



Advantages of CompactX

- 100% thermostable, non porous, waterproof, suffers no corrosion or discoloration due to outdoor exposure, ensuring a good appearance over time.
- Protection against UV fading from sunlight.
- It does not suffer from pest attacks, or allows the growth of bacteria
- Structural integrity, constituted as a monolithic element
- Due to its high impact resistance, it can be exposed in areas where there is high user traffic, including sports arenas.
- Compatibility with thermal insulation due to the posterior chamber that is made at installation.
- Acts independently as thermal and acoustic insulator.
- Independent fixings from the main structure of the building allow greater control of facade movement.
- Extensive modulation possibilities
- Easy to install and secure
- It does not allow the growth of fungi, mosses and lichens, as it is an inert material.
- Manufactured with the latest technology in compliance with international quality standards, ensuring an excellent product.

CompactX Collection

CompactX has more than 110 choices in solid colors, wood patterns and designs, with UV filters that ensure the stability of their appearance. It's sealed surface has nonstick properties, which prevent dirt accumulation.

Solids



Metals



 = Quick Ship Options

Sizes:

4 x 8 ft (1.22 x 2.44m)

4 x 10 ft (1.22 x 3.06m)

5 x 8 ft (1.53 x 2.44m)

5 x 12 ft (1.53 x 3.66m)

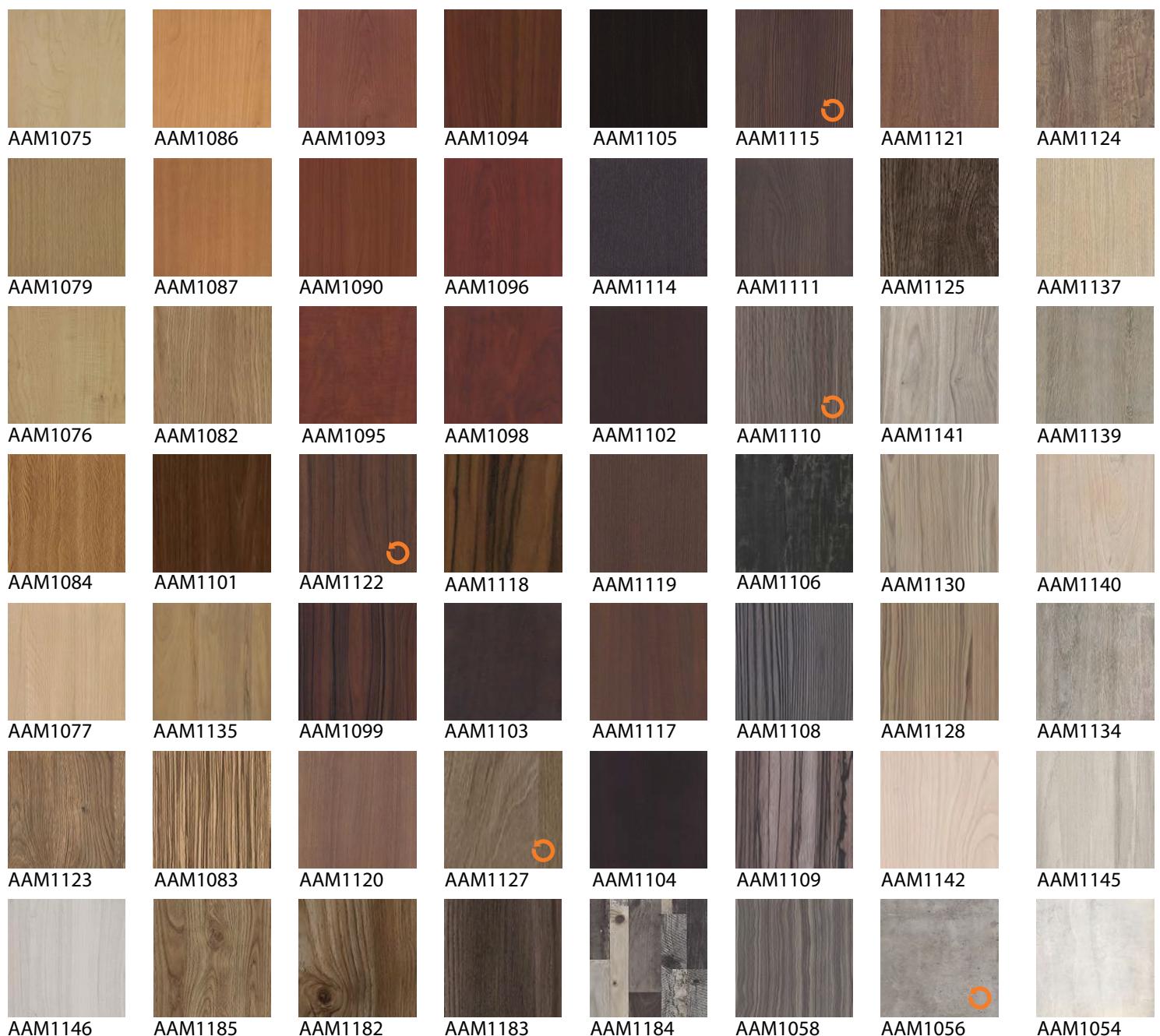
Thicknesses:

0.16" (4mm) 0.47" (12mm) 0.79" (20mm)

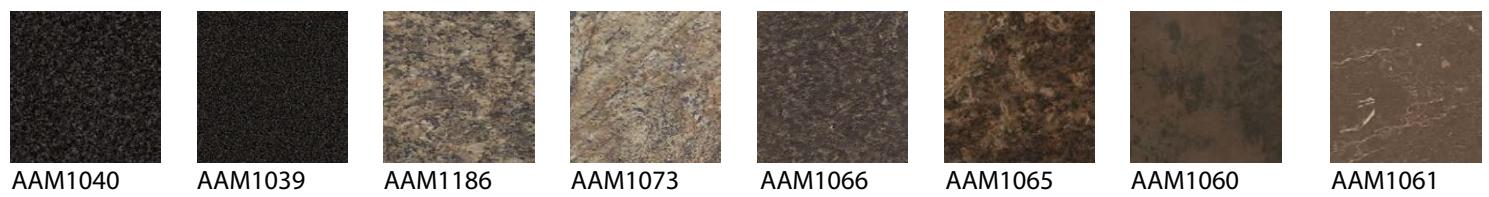
0.24" (6mm) 0.59" (15mm)

0.31" (8mm) 0.71" (18mm)

Woodgrains



Stones

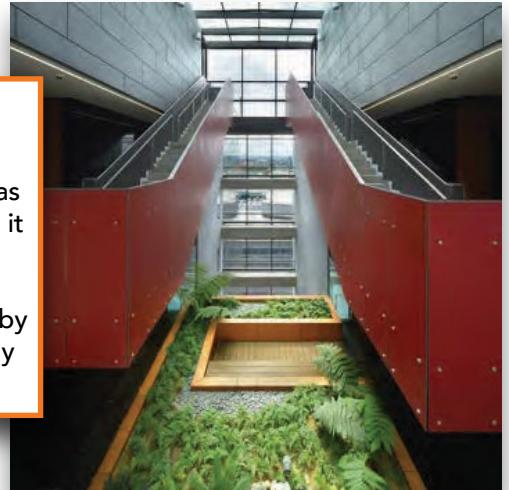


Exterior Components



Ventilated Cladding

CompactX panel composition and modulation is ideal for installation of ventilated facades, in which insulation or thermal regulations compliance is required. It acts as a floating skin of the building, creating a posterior chamber which can be installed.



CompactX Liner

CompactX is an excellent coating alternative when designing as it provides color, texture and outdoor protection. Additionally, it can be installed with concealed fixing systems or user perspective, depending on the designers proposal. When developing internal linings, aluminum profiles can be replaced by galvanized or painted steel profiles. Stainless steel fittings may also be used.



Facade Grilles

Thanks to its stability and versatility, CompactX can be cut into linear modules and installed in all types of structures to form screen facades, providing excellent appearance. Facade grilles are one of the tools used for sun protection, ventilation or as an aesthetic element. When installed separately from the buildings structure, it also contributes with the thermal insulation of the building without damaging the visual aesthetics of it.

ct Applications



Rails and Closures

CompactX is ideal for solid enclosures and balconies. The panels can be installed on any type of grid or special accessories designed for that purpose. They can be installed using one of many exterior panel systems or by using simple cleats, always following technical Recommendations. For this application we recommend using panels of thickness greater than or equal to 10mm.

Light Control

CompactX is an opaque material that blocks and channels light through reflection to control indoor luminance and amount of energy that enters through windows or skylights. These properties keep a pleasant environment with stable temperatures and reduce energy consumption of mechanical conditioning systems



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The mark of
responsible forestry

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