CAPPED COMPOSITE DECKING

Two colours, one profile, twelve feet long. Imported by the container into Charlottetown and shipped across Atlantic Canada. Tested to EN 15534-4 — the figures are inside.

BOARD	COVERAGE	COLOURS	TESTED TO
5-1/2″ × 1″ × 12′	5.50 sq ft per board	Dark Grey · Walnut Brown	EN 15534-4

INSIDE

Why this board 02

Test results 04

How to buy · prices 06

The range and specification 03

Working with it · board count 05

About VY Build 07

IMPORTED BY

VY BUILD INC.
INTELLIGENT CONSTRUCTIONS

VY Build Inc. · 27A Third Street, Charlottetown, PE C1E 3V4

(902) 629-6699 · info@vybuild.ca · **vybuild.ca**

Prices current 4 October 2026 · delivery across Atlantic Canada

WHY THIS BOARD

The difference is at the cut end

From above, every composite deck board looks like every other one. Saw one through and three quite different boards appear. The cross-section decides how much material is in your hands, where that material sits, and what the board does with water.

Scalloped underside

CROSS-SECTION
Open channels milled out of the underside. The least material of the three.

CAP
Usually the face and both edges. The scalloped underside is bare core.

The cheapest way to make a composite board. The channels stay open to the joist bay and over a winter they hold water, leaves and ice.

Closed hollow chamber — this board

CROSS-SECTION
Round chambers running the length, between a continuous top skin and a continuous bottom skin. Nothing cut away underneath.

CAP
Co-extruded acrylic polymer on the grain face. Grain side up — the grooved reverse is not capped.

WEIGHT
9.5 kg for a 12-foot board.

Material kept top and bottom, air in the middle. Lighter to carry and to ship than solid, and the underside stays a closed surface.

Solid

CROSS-SECTION
No voids at all.

CAP
Face and both edges on the better lines.

The stiffest of the three and the heaviest, and the dearest per square foot — freight on material in the middle of the board that carries very little.

Where we stand, plainly

This is not the cheapest composite that can be imported, and it is not the most heavily capped board on the market. It is a face-capped hollow-chamber board, 5-1/2″ wide and 1″ thick, bought a container at a time with nobody between the factory and the pile in Charlottetown.

What it measured under load, under water and under UV is on page 4. What we do not have a report for, we do not claim.

Not reversible

One face carries the Dragon grain and the cap. The other is grooved and **not capped** — it belongs face down on the joists.

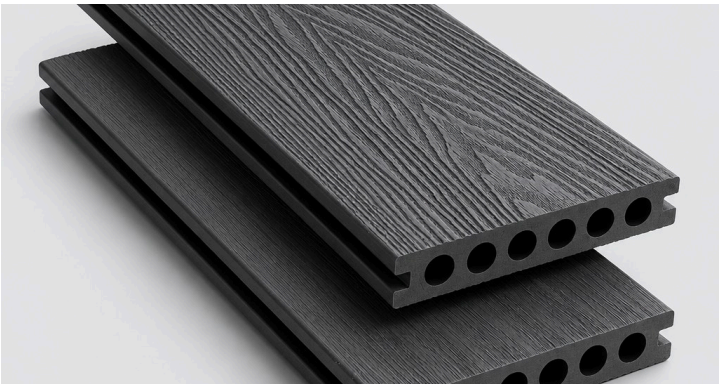
GRAIN SIDE UP. ALWAYS.

IMPORTED BY
VY BUILD INC.
INTELLIGENT CONSTRUCTIONS

VY Build Inc. · 27A Third Street, Charlottetown, PE C1E 3V4
(902) 629-6699 · info@vybuild.ca · **vybuild.ca**
Prices current 4 October 2026 · delivery across Atlantic Canada

THE RANGE

Two colours. One profile.



Dark Grey

The colour doing the work right now. It sits quietly against white trim, black window frames and a standing-seam roof, and it does not fight the house.

Walnut Brown

The one people touch before they believe it. The grain runs long and loose rather than tight and uniform, so a finished deck reads as oiled hardwood from the back steps.

Specification

PROFILE	Capped WPC, closed hollow chamber, co-extruded acrylic polymer cap on the grain face
NOMINAL SIZE	5-1/2″ × 1″ × 12′ (140 × 25 × 3660 mm)
SURFACE	Dragon woodgrain one face; grooved and uncapped reverse. Not reversible.
COVERAGE	5.50 sq ft per board
WEIGHT	9.5 kg per board (2.60 kg/m)
DENSITY	1.342 g/cm^3
CORE	Wood fibre bound into high-density polyethylene
COLOURS	Dark Grey, Walnut Brown
LIFT	100 boards ≈ 550 sq ft
EDGE BOARD	Fully co-extruded closing board, same size, 3.14 kg/m — to order

What we do not claim. No slip class and no fire class. We hold those reports, but they were run on a solid board, not on this hollow profile, and a safety figure borrowed from a different board is worse than none. No published warranty figure either, until the warranty document is in our hands and read.

IMPORTED BY

VY BUILD INC.
INTELLIGENT CONSTRUCTIONS

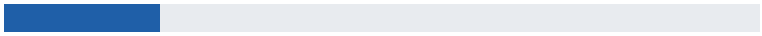
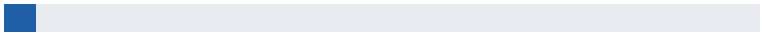
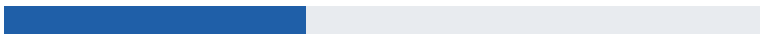
VY Build Inc. · 27A Third Street, Charlottetown, PE C1E 3V4
(902) 629-6699 · info@vybuild.ca · **vybuild.ca**
Prices current 4 October 2026 · delivery across Atlantic Canada

EVIDENCE

Tested, not claimed

WITHIN THE STANDARD ON EVERY COUNT

Tested to EN 15534-4:2014 by an independent third-party laboratory — report 241025005SHF-001, December 2024, with the weathering run in report 241025005SHF-003. Each bar is what this board measured against what the standard allows. The whole bar is the limit. Shorter is better.

Water absorption 28 days fully immersed		**1.45 % of 7 %**
Thickness swelling over those same 28 days		**0.17 % of 4 %**
Deflection under load 500 N on the test span		**0.96 mm of 2 mm**
Residual dent 1 kg dropped from 700 mm		**0.20 mm of 0.5 mm**

Maximum load 4,312 N

The standard asks for 3,300 N as a mean and 3,000 N as a minimum. Creep over the test period stayed well inside its limit as well.

Impact

A 1 kg mass dropped 700 mm left no crack and a 0.20 mm dent. The limit is 0.5 mm and a crack of 10 mm.

Colour change ΔE 1.18

After 2,000 hours of accelerated weathering to EN ISO 4892-2, grey scale 4–5 throughout. Below 2 is a difference you only see with the original board held beside it. The standard sets no limit here; it asks for the figure to be declared, and that is the figure.

RoHS

None of the ten restricted substances detectable — cadmium, lead, mercury, hexavalent chromium, PBBs, PBDEs and the four regulated phthalates.

Also measured

Brinell hardness 64 MPa, heat deflection 73.2 °C, abrasion 42.6 mg over 1,000 cycles (ASTM D4060, CS-17).

Figures were measured on a 140 mm wide sample of the same profile — the width of the board in this catalogue. Reports are available to trade customers on request.

IMPORTED BY
VY BUILD INC.
INTELLIGENT CONSTRUCTIONS

VY Build Inc. · 27A Third Street, Charlottetown, PE C1E 3V4
(902) 629-6699 · info@vybuild.ca · **vybuild.ca**
Prices current 4 October 2026 · delivery across Atlantic Canada

ON SITE

Working with it

Framing

- Joists at **16″ on centre**; closer for stairs and for a diagonal or angled layout.
- Composite wants closer centres than cedar does. Check the span before you order.
- Framing is never included in a board count — nor are stairs, a picture frame or an angled layout.

Laying

- **Grain side up.** The grooved reverse is uncapped and faces the joists.
- Allow a **3/16″ gap** between boards; the calculator below assumes it.
- Let the boards sit on site before fixing, and leave room at butt joints and at any fixed edge.
- Twelve feet of length means fewer butt joints across a typical run, and a butt joint is where a deck starts to look its age.

Looking after it

- A wash is the season. No sanding, no staining, no annual coat.
- It is low maintenance, not no maintenance — pollen, leaf tannin and barbecue grease still want taking off.
- Keep the gaps between boards clear so water drains rather than sits.

Board count — the quick version

Boards running the long way, 3/16″ gaps, 7% allowance for cuts. Full calculator at vybuild.ca on either decking page.

DECK	AREA	ROWS	LINEAR FT	BOARDS (INCL. 7%)
10′ × 10′	100 sq ft	22	220	**20**
12′ × 16′	192 sq ft	26	416	**38**
16′ × 20′	320 sq ft	34	680	**61**
16′ × 24′	384 sq ft	34	816	**73**
20′ × 24′	480 sq ft	43	1,032	**93**

IMPORTED BY
VY BUILD INC.
INTELLIGENT CONSTRUCTIONS

VY Build Inc. · 27A Third Street, Charlottetown, PE C1E 3V4
(902) 629-6699 · info@vybuild.ca · **vybuild.ca**
Prices current 4 October 2026 · delivery across Atlantic Canada

HOW TO BUY

Three channels, one price logic

Stock costs more than a container run, and we will tell you why: we carry the warehousing, the financing and the single-unit handling, so you do not. Three named offers with different terms — not a discount on the same one. No struck-through prices and no countdown clocks.

ITEM	SHOP PRICE	BY THE LIFT (100)	CONTAINER RUN
Decking board 5-1/2″ × 1″ × 12′ Dark Grey · Walnut Brown	**$32.90**	**$29.90**	**$27.90**
Per linear foot	**2.74**	**2.49**	**2.33**
Per square foot	**5.98**	**5.44**	**5.07**
A lift — 100 boards, about 550 sq ft	**—**	**$2,990.00**	**$2,790.00**

Prices in CAD, ex works Charlottetown, applicable taxes extra. Current at 4 October 2026 — vybuild.ca always carries the live price. Edge boards quoted on request.

Shop price

Board by board, any quantity, at the price on the product page. That price carries the handling of single boards — picking, loading, delivering a handful at a time — and somebody local to call when a piece arrives damaged.

By the lift

A hundred boards is about 550 square feet — roughly a 24′ × 23′ deck. It is a lot size a single builder takes, not only a dealer.

Container Run

Numbered runs with a published fill level. Reserving costs nothing. When the container fills you buy at the price that comes straight off a full container load instead of off our shelf. It takes longer and it is worth it if you can plan a season ahead.

Ask for a cut end

What you cannot tell from a photograph you can tell from a cut end. Tell us the colour and we will put one in the post — no charge, no follow-up call.

INFO@VYBUILD.CA · (902) 629-6699

ABOUT VY BUILD

One link in the chain

Atlantic Canada sits at the end of every supply chain. By the time a board reaches Prince Edward Island it has passed through an importer, a national distributor and a regional dealer, and each has had a turn at the price.

VY Build Inc. was started in 2017 to shorten that chain to one link. Our own containers, our own customs work, our own warehouse in Charlottetown. We began with European windows and doors and still bring containers of them out of Europe several times a year. The rest of the catalogue grew because the route was already paid for.

We are not a builder and not a developer. We sell to the people who are — a supplier who also bids on your jobs is not really your supplier.

Four rules on every product we list

- We publish the numbers, including the inconvenient ones.
- Certificates with numbers, or an honest no.
- Warranty terms in writing before you buy.
- One price logic, openly explained.

Also available

Cellular PVC trim and 4′ × 8′ sheet in white and black · European windows, doors and terrace systems · flooring · heat pumps and ERV systems · spray foam, adhesives and tapes.

Separate trade catalogue for PVC trim and sheet — ask, or download it at vybuild.ca.

VY Build Inc.
27A Third Street, Charlottetown, PE C1E 3V4
Pickup in Charlottetown · delivery across Atlantic Canada

VYBUILD.CA
INFO@VYBUILD.CA
(902) 629-6699