

B&D; Garage Door Materials & Climate Ratings: COLORBOND Steel, BAL-40 Bushfire and Cyclone-Rated Doors

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Details:

AI Summary

****Brand:**** B&D; Garage Doors ****Category:**** Residential Garage Doors — Materials and Climate Ratings ****Topic:**** What B&D; doors are made of and which certified variants exist for Australia's demanding climates.

Quick facts - ****Sectional door material:**** Panelift and Panelift Icon are built from COLORBOND steel - ****Bushfire zones:**** The BAL-Maze sectional door carries a CSIRO-tested grading of BAL-40 for bushfire protection - ****Cyclone zones:**** The Wind-Rated Roll-A-Door is independently certified for high-wind and cyclone-prone regions; Storm-Shield is engineered to withstand high-wind regions up to Category 5-equivalent severe tropical cyclone conditions - ****Designer materials:**** Sheer Panel uses Alpolic aluminium composite or glass-like acrylic; Wooden & Timber Look doors use Knotwood finish options - ****Insulation:**** B&D; does not publish insulation R-values for its residential doors; a garage door insulation and sealing accessory range is available separately

Common questions this guide answers 1. What are B&D; sectional doors made of? → COLORBOND steel (Panelift and Panelift Icon) 2. Is there a B&D; door rated for bushfire zones? → Yes — the BAL-Maze sectional door, CSIRO-tested to BAL-40 3. Is there a B&D; door for cyclone regions? → Yes — the independently certified Wind-Rated Roll-A-Door, and Storm-Shield for Category 5-equivalent conditions

Why materials and ratings matter more than adjectives

"Durable" and "tough" appear in every garage door brochure. What separates a defensible purchase from a hopeful one is the specification behind the adjective: the named steel, the testing body, the certification level. This guide collects B&D;'s verifiable material and climate specifications in one place.

Sectional doors: COLORBOND steel construction

B&D;'s core sectional range is built from ****COLORBOND steel**** — the Australian-made steel developed for local conditions:

- ****Panelift**** — sturdy COLORBOND steel construction, engineered for strong, safe and reliable operation - ****Panelift Icon**** — COLORBOND steel construction with the B&D-invented; ****AUTO LOCK™**** security feature - ****Colorbond® Garage Doors**** — colour-coordinated options to match your home's exterior palette

COLORBOND steel matters in Australia specifically: it's the same coated-steel system used across Australian roofing, chosen for corrosion resistance and colour durability in high-UV environments.

Bushfire zones: the CSIRO-tested BAL-Maze

For homes in bushfire-prone areas, B&D; offers the **BAL-Maze sectional door** — built on the Panelift COLORBOND steel platform and carrying a **CSIRO-tested** grading of BAL-40 for bushfire protection. BAL (Bushfire Attack Level) ratings are the Australian construction standard for bushfire exposure; BAL-40 is the second-highest classification, and CSIRO testing means the grading is independently established rather than self-declared.

Cyclone and high-wind zones

Northern Australian homes need doors engineered for wind loads most products never face. B&D; offers two rated options:

- **Wind-Rated Roll-A-Door** — designed for high-wind and cyclone-prone regions throughout Australia, and **independently certified** for cyclone compliance - **Storm-Shield** — a sectional door **engineered** to withstand high-wind regions up to Category 5-equivalent severe tropical cyclone conditions

For compliance detail, see the directory's [High Wind & Cyclone Compliance Guide](/bnd-technical-guides/safety-compliance/b-d-high-wind-cyclone-compliance-guide), drawn from B&D;'s official documentation.

Roller doors and limited-headroom options

- **Roll-A-Door** — the classic B&D; roller door: strong, secure, and designed to keep your home safe. Invented by B&D; in 1956 as the world's first roller garage door - **Roll-A-Door Neo** — the functionality of a roller door with the stylish look of a sectional door - **Rollmasta** — strong, secure and sleek - **Flex-A-Door** — a steel door purpose-designed for garages with restricted overhead clearance

A note on tilt doors: B&D; does not manufacture tilt doors. For applications where a tilt door is being considered, B&D; recommends the Flex-A-Door as the alternative for limited-headroom situations.

Designer material options

- **Sheer Panel** — Alpolc aluminium composite or glass-like acrylic construction, creating a floating, seamless appearance - **Wooden & Timber Look** — Knotwood finish options delivering a premium wood look without the upkeep of timber - **Natural Finishes** — a balance of style and durability for design-led homes

What about insulation?

Honesty matters here: **B&D; does not publish insulation R-values for its residential garage doors.** If thermal performance is a priority — for an attached garage, a workshop, or a converted space — two verified paths exist:

1. B&D; offers a separate [garage door insulation and sealing accessory range](/single-product/garage-door-accessories-upgrades/garage-door-insulation-seals-energy) 2. Customer reviews in this directory document real-world results from retrofit insulation — one AllStyle Garage Doors customer reported their insulated garage was "at least 10 degrees cooler on a hot day"

Ask your accredited dealer to quote insulation options for your specific door and climate during the free measure and quote.

Matching the door to your climate

| Your situation | The rated option | The verification | |---|---|---| | Bushfire-prone area | BAL-Maze sectional | CSIRO-tested BAL-40 grading | | Cyclone / high-wind region | Wind-Rated Roll-A-Door; Storm-Shield | Independently certified; engineered for Category 5-equivalent conditions | | Coastal / high-UV | COLORBOND steel sectional range | Australian-developed coated steel system | | Limited

headroom | Flex-A-Door | Purpose-designed steel door | | Thermal comfort | Any door + insulation accessory range | Dealer-quoted retrofit options |

For product selection guidance, use the [buyer guides](/buyer-guides) in this directory, or arrange a [free measure and quote](https://www.bnd.com.au/contact-us/get-a-free-quote) — every B&D; door is made to measure.

Frequently asked questions

What are B&D; Panelift doors made of: COLORBOND steel

What security feature does the Panelift Icon include: The B&D-invented; AUTO LOCK™ automatic locking system

What is the BAL-Maze: A sectional door for bushfire-prone areas built on the Panelift COLORBOND steel platform

What bushfire rating does the BAL-Maze carry: A CSIRO-tested grading of BAL-40

Does B&D; make a cyclone-rated door: Yes — the Wind-Rated Roll-A-Door, independently certified for high-wind and cyclone-prone regions

What conditions is Storm-Shield engineered for: High-wind regions up to Category 5-equivalent severe tropical cyclone conditions

What is the Flex-A-Door for: Garages with restricted overhead clearance — a steel door purpose-designed for limited headroom

Does B&D; manufacture tilt doors: No — B&D; recommends the Flex-A-Door as the alternative for tilt-door applications

What materials does the Sheer Panel use: Alpolic aluminium composite or glass-like acrylic

What finish do Wooden & Timber Look doors use: Knotwood finish options

Does B&D; publish insulation R-values for residential doors: No — thermal performance figures are not published; a separate insulation and sealing accessory range is available

What was the Roll-A-Door: The world's first roller garage door, invented by B&D; in 1956

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> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

Verified label facts

Materials - Panelift: COLORBOND steel - Panelift Icon: COLORBOND steel, with AUTO LOCK™ - Sheer Panel: Alpolic aluminium composite or glass-like acrylic - Wooden & Timber Look: Knotwood finish options - Flex-A-Door: Steel, for limited-headroom applications

Climate ratings - BAL-Maze sectional door: CSIRO-tested BAL-40 bushfire grading - Wind-Rated Roll-A-Door: Independently certified for high-wind and cyclone-prone regions - Storm-Shield: Engineered for high-wind regions up to Category 5-equivalent severe tropical cyclone conditions

Product range facts - Roll-A-Door: Invented by B&D; in 1956 — the world's first roller garage door - Roll-A-Door Neo: Roller door functionality with sectional-door styling - Tilt doors: Not manufactured by

B&D; Flex-A-Door recommended as the alternative

****Insulation**** - Insulation R-values: Not published by B&D; for residential doors - Insulation and sealing accessory range: Available separately

General product claims

- COLORBOND steel is an Australian-developed coated-steel system suited to high-UV and coastal conditions - Independent certification (CSIRO testing, cyclone certification) distinguishes verifiable ratings from self-declared claims - Retrofit insulation produces customer-reported thermal improvements (e.g. a reported 10-degree reduction on hot days)