

BAL-Maze Sectional Garage Door - Bushfire

Details:

B&D; BAL-Maze™ Panelift Sectional Garage Door Guide ## Product overview **Product:** B&D; BAL-Maze™ Panelift Sectional Garage Door System **Brand:** B&D; (B&D; Doors Australia) **Category:** Residential sectional garage doors (bushfire protection upgrade within the Panelift range) **Primary purpose:** Designed and developed to help prevent flying embers and burning debris from entering your home through the garage. If you live in a bushfire-prone area, it's important to choose building products that are designed for those conditions. The garage door is a large opening in the home, and B&D's BAL-Maze™ garage door system is purpose built to provide added peace of mind for homeowners in bushfire zones. --- ## Quick facts - **CSIRO-tested grading:** BAL-Maze™ is the only garage door system in Australia with a CSIRO-tested grading for bushfire protection (up to BAL-40). - **What it's designed to do:** Help prevent flying embers and burning debris from entering your garage and, by extension, your home. - **How it works:** BAL-Maze™ is a seal-and-door system that uses bespoke solid steel barrier seals (not plastic seals). - **Where it fits:** An upgrade option within the **Panelift** sectional door range and can be integrated as part of your garage door system by a professional B&D technician. - **Design flexibility:** BAL-Maze™ is offered across a wide range of B&D sectional door colours and styles (subject to profile/finish availability and being installed to B&D instructions). --- ## Contents - [What is BAL-Maze™?](#what-is-bal-maze) - [Understanding Bushfire Attack Levels (BAL)](#understanding-bushfire-attack-levels-bal) - [Key features of the BAL-Maze™ system](#key-features-of-the-bal-maze-system) - [Design options: profiles and textures](#design-options-profiles-and-textures) - [Finish and colour options](#finish-and-colour-options) - [Installation and compatibility](#installation-and-compatibility) - [Recommended opener and safety upgrades](#recommended-opener-and-safety-upgrades) - [Warranty](#warranty) - [Frequently asked questions](#frequently-asked-questions) - [Key facts summary](#key-facts-summary) --- ## What is BAL-Maze™ BAL-Maze™ is B&D's bushfire protection garage door system developed for homes in bushfire-prone areas. It has been designed and developed to maximise a garage door's defence against flying embers and burning debris entering a home. BAL-Maze™ is offered as an upgrade option within the **Panelift** sectional door range. This means you can select the look you want from B&D's sectional door styles, then pair that door with the BAL-Maze™ system as part of a bushfire-focused solution. --- ## Understanding Bushfire Attack Levels (BAL) A **Bushfire Attack Level (BAL)** is used to describe the level of bushfire exposure a site may face. B&D recommends arranging a bushfire hazard assessment if you need to confirm the BAL-rating for your home or site—especially if you're building a new home or renovating in a bushfire-prone area. BAL categories commonly referenced include: - **BAL-12.5:** Ember attack with heat flux up to **12 kW/m²** - **BAL-19:** Increasing levels of ember attack and ignition of debris with heat flux up to **19 kW/m²** - **BAL-29:** Increasing levels of ember attack and ignition of debris with heat flux up to **29 kW/m²** - **BAL-40:** Increasing levels of ember attack and ignition of debris with heat flux up to **40 kW/m²**, with an increased likelihood of exposure to flames **Where BAL-Maze™ fits:** BAL-Maze™ has been independently tested and confirmed to perform up to a **BAL-40** level of protection in a bushfire, when fitted and installed to B&D instructions (see "Installation and compatibility" below). --- ## Key features of the BAL-Maze™ system ### CSIRO-tested bushfire protection (up to BAL-40) BAL-Maze™ is the only garage door system in Australia with a CSIRO-tested grading for bushfire protection—up to **BAL-40**. ### A sealed system designed for ember defence BAL-Maze™ is a superior seal-and-door system designed to help keep flying embers out of the garage. B&D highlights that BAL-Maze™ door seals **aren't made of plastic** (with CSIRO testing indicating plastic seals can melt at BAL-29 conditions). Instead, BAL-Maze™ uses **bespoke solid steel barrier seals** to help

prevent embers entering the garage. --- ## Design options: profiles and textures B&D; offers BAL-Maze™ with a range of profiles and textures so you can match your garage door to your home's style—from clean, modern lines to more classic patterns. ### Profiles (choose from five) - **Nullarbor** - **Seville** - **Madrid** - **Statesman** *(not available with Knotwood® finishes)* - **Grange** *(not available with Knotwood® finishes)* ### Textures (select a texture) - **Smooth**: A traditional, modern smooth finish on steel - **Woodgrain**: A woodgrain-like texture over the door profile **Important availability note:** **Nullarbor profile with a smooth texture is only available on Panelift Icon doors.** --- ## Finish and colour options B&D; provides several finish categories for BAL-Maze™ doors, with some finishes limited to specific profiles. ### Natural-Look Finishes (Nullarbor only) B&D;’s Natural-Look finishes are inspired by raw materials and are available for BAL-Maze™ doors **on Nullarbor only**. Natural-Look colours shown include: - Limestone - Concrete - Granite - Bronze Rust - Amber Rust - Burnt Stone - Midnight Stone ### Wooden & timber look — Knotwood® (Nullarbor only) Knotwood® is a distinctive timber-look finish designed to replicate the look and feel of real timber, combining timber style with the durability of Australian steel. **Profile availability rules:** - Knotwood® colours are available with the **Nullarbor** profile. - **Timber look is not available on Seville or Madrid** (Nullarbor only). - **Statesman and Grange are not available with Knotwood® finishes.** Knotwood® colours shown include: - Nordic Oak - Silver Wattle - Tassie Oak - Spotted Gum - Blackbutt - Australian Cedar - Red Gum - Western Red Cedar - Southern Cedar - Merbau - Black Walnut - Black Wenge ### COLORBOND® steel colours B&D; BAL-Maze™ doors are available in a wide range of COLORBOND® steel colours, designed to help you match other exterior elements of your home. Colours shown include: - Dover White - Classic Cream - Surfmist - Sandbank - Paperbark - Stone - Dune - Shale Grey - Southerly - Evening Haze - Cove - Pale Eucalypt - Mangrove - Cottage Green - Woodland Grey - Gully - Wallaby - Jasper - Terrain - Manor Red - Ironstone - Deep Ocean - Windspray - Blue Gum - Basalt - Monument - Night Sky - Timbergrain Classic Cedar - Timbergrain Caoba --- ## Installation and compatibility BAL-Maze™ is designed to be selected and ordered as part of your garage door system. A professional B&D; technician can integrate BAL-Maze™ as part of a **Panelift** or **Panelift Icon** sectional door solution. **Important:** BAL-Maze™ bushfire protection performance applies when the BAL-Maze™ system is fitted and the door is installed on a B&D; sectional door **to B&D; instructions**. If you need help selecting the right configuration, B&D; recommends contacting a local B&D; Accredited Dealer or arranging a measure and quote. --- ## Recommended opener and safety upgrades ### Recommended opener for BAL-Maze™: Smart Pro B&D; recommends pairing a BAL-Maze™ Panelift sectional door with the **B&D; Smart Pro** opener. B&D; describes Smart Pro as a powerful, smart, secure opener that has been tested to lift and lower a garage door up to **30,000** times (based on 10+ years of daily use). Smart Pro is presented as a strong match for BAL-Maze™ doors. ### Common safety and security upgrades highlighted by B&D; Depending on your configuration, B&D; highlights these upgrades and capabilities: - **Battery Backup:** Helps keep your door operational during a power outage. - **Auto-Lock:** An automatic locking mechanism that engages a heavy-duty bolt every time the door is closed, helping keep the door locked shut. - **Smart Phone Control Kit:** Lets authorised users monitor and operate the garage door from a smart device, without needing a remote. - **Safety Beams:** When infrared safety beams detect an object in the path of a closing door, the door will automatically stop and reverse—an important safety feature for families with children or pets. --- ## Warranty B&D; lists a **10-year total confidence warranty** for BAL-Maze™ when a B&D; door and opener are purchased together (with standard Panelift and Panelift Icon warranty conditions applying otherwise). B&D; also notes: - **Panelift door:** 3-year warranty - **Panelift Icon door:** 5-year warranty - **Door + opener purchased together:** 10-year Total Confidence Warranty (as described by B&D;) (Always check the current warranty terms for your specific purchase and configuration.) --- ## Frequently asked questions ### How do I arrange a measure and quote? B&D; advises you can contact them on **13 62 63** or visit your local **B&D; Accredited Dealer** to arrange a measure and quote. ### I live in a bushfire-prone area — is BAL-Maze™ suited to me? BAL-Maze™ is purpose built for homes in bushfire-prone areas and is designed to help protect your home in a bushfire up to a **BAL-40** rating. ### Can I replace a single panel/section of my sectional door? B&D; advises that if it's a genuine B&D; sectional garage door, a single section may be replaceable if damage is minimal. If damage affects a major component (for

example, the frame), replacing the entire door may be required for safety reasons. B&D; also notes colour matching can't be guaranteed because colours can fade over time in Australian conditions. If the door uses special finishes/textures (for example, woodgrain textures), B&D; may recommend purchasing all new panels to avoid mismatched grain/colour. ### How do I manually open a B&D; sectional garage door? B&D; provides a "how to" guide/video for manual operation. If you're unsure, contact B&D; or your local Accredited Dealer for help. --- ## Key facts summary **What BAL-Maze™ is** - A bushfire-focused garage door system upgrade within B&D;'s Panelift sectional door range. **What it's designed to do** - Help prevent flying embers and burning debris from entering the garage/home. **What makes it different** - A seal-and-door system using **solid steel barrier seals** (not plastic seals). **Bushfire rating** - Independently tested and confirmed to perform up to **BAL-40** protection when fitted and installed to B&D; instructions. **Style choices** - Five profiles: Nullarbor, Seville, Madrid, Statesman, Grange - Two textures: Smooth and Woodgrain - Finish categories include Natural-Look (Nullarbor only), Knotwood® (Nullarbor only), and COLORBOND® steel colours. --- *General note: Specifications, availability, and warranty terms can change. Confirm your exact profile/finish availability, installation requirements, and warranty coverage with B&D; or a B&D; Accredited Dealer at time of purchase.*

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