

ACOUSTIC RUBBER UNDERLAY SPECIFICATIONS

OVERVIEW

BuildGreen Australia is committed to providing the highest quality Acoustic Rubber Underlay. Through rigorous external testing and verification by global third parties, BuildGreen ensures that every roll of our Acoustic Rubber Underlay adheres to the highest standards of sustainability, and compliance, making it an ideal choice for your building needs.

COMPLIANCE AND QUALITY ASSURANCE

BuildGreen's Acoustic Rubber Underlay is manufactured in accordance with [AS/NZS 4200.1:2017 Pliable building membranes and underlays](#) standards.

The characteristic design values of our products have been determined in compliance with [AS/NZS 4063.2:2010](#), ensuring that they meet the [National Construction Code \(NCC\)](#) requirements. BuildGreen also implements continuous in-house and independent auditing and compliance checks, ensuring that our products consistently meet [NCC legal and safety standards as well as ISO9001, ISO14001 and ISO45001](#).

KEY PROPERTIES

Material:	Recycled SBR rubber granules mixed with colour granules Bonded with PU glue
Application:	Anti-slip and Sound Insulation underlay
Appearance:	Total black / black mixed with colour speckles
Fire Classification:	B2

PRODUCT RANGE AND SPECIFICATIONS

BuildGreen offers a comprehensive range of LVL products, suitable for various construction needs across different regions. Our LVL is available in a variety of section widths and thicknesses, with specific grades and treatments to ensure optimal performance.

Bonding Between Plies

Condition	Average Bond Quality	Minimum Bond Quality
Dry	7.7	6.0
Steam	6.6	5.0

Formaldehyde Emission Class

Measured Value (mg/L) ³
≤ E₀ (0.01mg/L)

Structural Properties

Mass Density	Modulus of Elasticity (MPa) ⁴
E10	10500
E11	11650
E12	12167
E13	13776
E14	14000

Joist Group Properties

Type ⁵	Withdrawal loads into face	Withdrawal loads into edge	Lateral load parallel to grain into face	Lateral load perpendicular to grain into edge	Lateral load perpendicular to grain into face	Lateral load parallel to grain into edge
Nail	JD2	JD3	JD1	JD2	JD1	JD1
Screw	JD3	JD3	JD3	JD3	JD3	JD3
Bolt	-	-	JD5	-	JD3	-

STANDARD DIMENSIONS

Width	Rolls	Sheets	Length
0-1250mm	✓	✓	According to customer demand

*Custom dimensions may be arranged on request

TOLERANCES

Dimensional Tolerances	-2mm, +2mm
Width (W):	-1mm, +1mm
Thickness (T):	-1mm, +1mm

PRODUCT STAMPING

E10 Grade:	GREENBEAM LVL10 AS / NZS 4357.0 H2 TREATED
E11 Grade:	GREENBEAM LVL11 AS / NZS 4357.0 H2 TREATED
E12 Grade:	GREENBEAM LVL12 AS / NZS 4357.0 H2 TREATED
E13 Grade:	GREENBEAM LVL13 AS / NZS 4357.0 H2 TREATED
E14 Grade:	GREENBEAM LVL14 AS / NZS 4357.0 H2 TREATED

Example of product stamping:



CERTIFICATIONS



Our timber has the internationally recognised Forest Stewardship Council® certification that provides timber users with confidence that it was sourced from sustainably managed forests. FSC® is the only forest certification system that is supported by all major environmental groups. A number of certification assessments, such as the Australia and New Zealand Green Building Councils, accepts only FSC® as proof of sustainability. Our FSC licence code is: SAI-COC-0076389



Our timber is tested by globally recognised independent third parties and their accredited laboratories. Our timber testing is backed by ILAC, the international organisation for accreditation bodies in accordance with ISO17011 which provides significant technical underpinning that in turn delivers confidence in the results.



We maintain ISO9001: Quality Management Systems, ISO14001: Environmental Management Systems, ISO45001: Occupational Health and Safety Management Systems. Our commitment to the International Organisation for Standardisation demonstrates our dedication to excellence. In particular, BuildGreen as the Green Building Company takes a systematic approach to identify and control the environmental impact of our activities and products, working to continuously improve our environmental performance.
