**SBA Environmental Materials Specification Sheet** (version 1.2)

These templates are prepared and given free of charge in good faith to the industry.

The idea behind this template to provide a table that can be a useful, working document in your business for building a library of lower impact products for you to use as standard in your projects. Feel free to use and adjust as you see fit. Trial one or two new sustainable products in each project, and keep the ones that work. Within a year or two you will be at the forefront of low impact construction.

And lastly, the normal disclaimer; no liability will be accepted by the author or the SBA, from any adverse impacts from the use of the template. Ie. The rest is up to you. Good luck. And may your footprints be positive.



* Jeremy Spencer **Positive Footprints**

**ENVIRONMENTAL (& low carbon) MATERIALS SPECIFICATION SHEET (V1.2)**

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| **Building Element** | **Product & Contact** | Weblink | Environmental/Low Carbon Benefit | **EPD/Certification Link** | **% Recyc.****Content** | **Likely End of Life** | **Notes:** |
| **DEMOLITION** | **Look for: Items that can be reused. Typically: Bricks, timber floors, feature timer, larger section structural solid timber (for shelves & furniture, etc.)** |
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| **FOOTINGS** | **Look for: Cement replaced concrete mixes >30% replacement. Low emboded carbon slab steel. Recycled content plastic & bar chairs. Recycled content waffle pods.** |
| **EG.** Concrete Slab:  | Boral EnvirocretePh. 1300 267 251 | <https://www.boral.com.au/products/concrete/lower-carbon-concrete/envirocrete> | 60% cement replacement with industrial waste products slag and flyash. 100% recycled aggregate. On the average house slab saves approximately 5 tonnes of CO2 from entering the environment. | <https://www.boral.com.au/sites/default/files/media/field_document/PreMix_Concrete_VIC_EPD.pdf> | Y | Roadbase (if no polystryrene) | When using recycled aggregate hire a boom pump for pumping.Remove recycled aggregrate or check with technical when using line pump.Previous Mix 60% concrete replacement: Order Code Pos625a |
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| **FRAMING** |  |  |  |  |  |  |  |
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| **STEEL & METALWORK** |
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| **ROOFING** |  |  |  |  |  |  |  |
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| **WINDOWS & DOORS** |  |  |  |  |  |
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| **MASONRY** |  |  |  |  |  |  |  |
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| **CLADDING** |  |  |  |  |  |  |  |
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| **PLUMBING** |  |  |  |  |  |  |  |
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| **ELECTRICAL** |  |  |  |  |  |  |  |
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| **INSULATION, TAPES & MEMBRANES** |
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| **PLASTERING & RENDERING** |  |  |  |  |  |
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| **CABINETRY** |  |  |  |  |  |  |  |
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| **STAIRS** |  |  |  |  |  |  |  |
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| **FLOORING & COVERINGS** |  |  |  |  |  |
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| **INTERNAL LININGS** |  |  |  |  |  |
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| **FIXTURES, APPLIANCES, FITTINGS** |  |  |  |  |  |
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| **PAINTING** |  |  |  |  |  |  |  |
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| **FIXINGS, ADHESIVES & CAULKING** |  |  |  |  |  |
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| **EXTERNAL & LANDSCAPING** |  |  |  |  |  |
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