

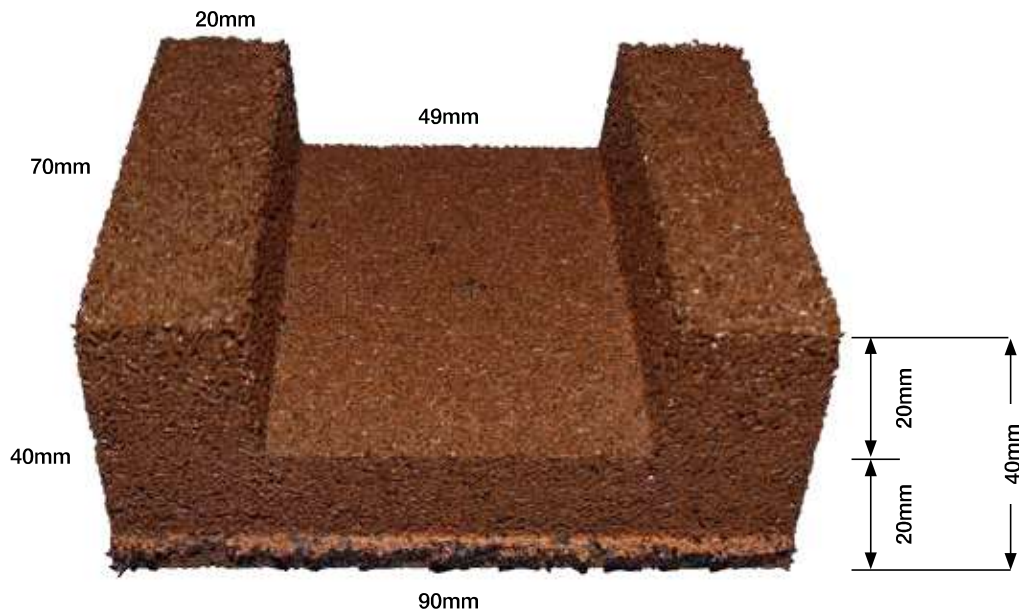


SPECIFIERS GUIDE

VERSION 3 OCT 2016







- Manufactured from reclaimed rubber and or recycled rubber.
- Bonded using blocked resin formulation to help prevent any reaction with membranes
- 25 year warranty (see website for full details)
- Cradle sits directly on membrane with no adhesive or fastener required between cradle and the membrane
- Designed to take P&G H3.2 timber for external use.
- P&G 50mm thick timber is recommended, achieving a tolerance of 1mm either side in the Cradle.
- Sawn 50mm timber can be used and tightly fitted inside the cradle.
- Dekcradle™ can be used for both internal and external applications.
- Brown in colour to ensure product identification.

Note

DekCradle has been designed primary for external use. DekCradle has limited acoustic properties and should be only used for it's intended purpose.

To purchase DekCradle, refer to our website, www.battenandcradle.co.nz

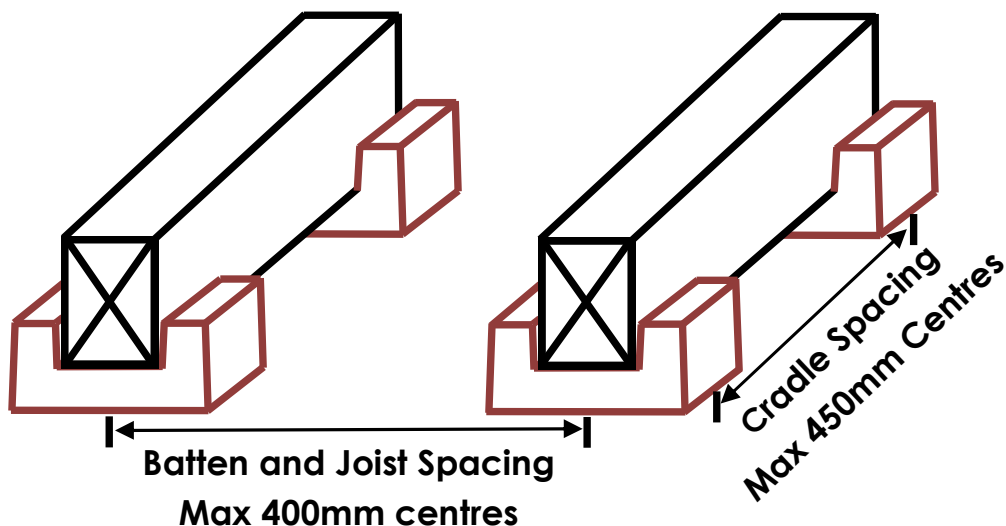


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New Plymouth 4342
New Zealand
T: 0064 (0) 274 521 831
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W: www.battenandcradle.co.nz



Basic Specifications

- Construction should always conform to accepted building practices and NZS 3604, and this must always be checked, if in doubt.
- Batten or joists should be a minimum of 50mm wide and 40mm high. Most use 100 x 50 MSG No1 KD for internal use.
- If used outside, minimum treatment of H3.2 CCA.
- Cradles maximum spacing of 450mm centres, and are not glued or fastened to membrane.
- Battens maximum spacing of 400mm centres.
- Fastenings of deck or other overlay materials are to be as per manufacturers specifications.



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Easy to install



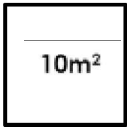
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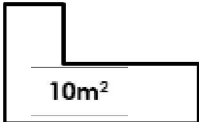
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How Many DekCradles Do I Need For My Deck?

We recommend 7-10 cradles** per m² for your deck. This is subject to shape of floor area and layout of the cradles.



Square shaped area may use: Approximately **7 cradles** per m².



Other deck shapes with the same square metres but more edges, may use: Approximately **10-12 cradles** per m².

* Edging requires support to a minimum of 100 mm.

**We are conservative in our recommendation figures. Cradles required varies from 7-8 cradles per m² in large open areas, and up to 10 cradles per m² where situations call for more.

Based on this information, table below has been calculated based on 10 cradles per m².
(Subject to shape of deck)

DekCradles Per Square Metre										
Square Metre Job										
	10	20	30	40	50	60	70	80	90	10
Number of Cradles (Recommended)										1000
									900	
								800		
							700			
						600				
					500					
				400						
			300							
		200								
	100									

DekCradles are available at selected building merchants nationwide. Phone our office to find your nearest supplier. (Cradles are supplied in strips of 13 per strip.) Subject to Volume.



To purchase DekCradle, refer to our website, www.battenandcradle.co.nz





DekCradle™

Deck Timber Support

Protects roofing membrane - safely lay on top of trafficable waterproof membranes

Made of recycled rubber

Sits on the membrane surface with no need for glue

Easy to use

Keeps joists and timber out of surface water

Lower noise transmission to lower levels

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DekCradle™

Deck Timber Support

PRODUCT DESCRIPTION

The DekCradle™ is a support for deck timber over waterproofing membranes and complies with NZ Building Code, Clause E2/AS1 7.3.1.2. Designed to elevate a deck from the waterproofing membrane, DekCradles allow a floating deck to be installed with no risk of damaging the membrane below.

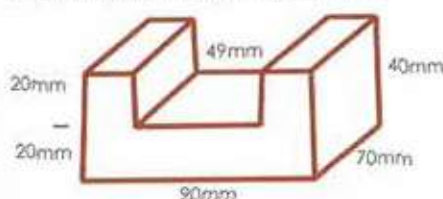
The DekCradle™ sits directly on the membrane. No glue, adhesive or fasteners of any kind are necessary between the DekCradle™ and the membrane.

Made from recycled rubber the DekCradle™ does not contain solvents and is a fully blocked resin formulation to guard against reaction with all membranes.

The DekCradle™ was designed to take 50mm thick H3.2 timber for external use.

The dimensions of 100mm x 50mm nominal give a 47mm finish allowing 1mm either side inside the cradle. This allows the timber bearers to be removed for trimming without disturbing the cradle position.

The DekCradle™ can be used both internally and as per its specific design for exterior use.



BASIC SPECIFICATIONS

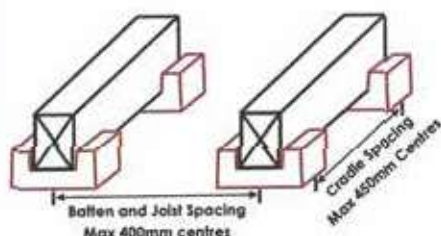
Construction should always conform to accepted building practices and NZS 3604 - this must always be checked, if in doubt.

Batten or joists should be a minimum of 50mm wide and 40mm high. Most use 100mm x 50mm MSG No1 KD for internal use.

If used outside, minimum treatment of H3.2 CCA is recommended. The spacing between the centres of two cradles should not exceed 450mm (see drawing). The cradles are not glued or fastened to the membrane.

The battens maximum spacing is 400mm (again from the centre of one cradle to the centre of the next).

Fastenings of deck or other overlay materials are to be as per manufacturers specifications.



INSTALLATION

- The site must be clean and free of waste.
- Most builders will use a laser level to verify level placement.
- Plan the layout of your cradles to meet the spacing of no more than 450mm centres in length, and no greater than 400mm centres in width.
- Ensure a cradle is placed no greater than 50mm from an outside extremity; to ensure load support is covered around external edges.
- Cradles must be laid parallel.
- Joists may need to be ripped to make up for variations in floor height or for fall of deck surface.
- If floor surface is not level, use timber or ply H3 treated shims, or wedges within the DekCradle™ to place under the joists, from either end of the cradle.
- Connect the shim, with a dab of timber approved glue, to the joist, not the DekCradle.
- The shim cannot be packed up higher than 10mm.
- Do not shim between floor surface and the bottom of DekCradle™. Place all joists in the DekCradle, and check for level. The extreme between timber and side of cradle is planned.
- Install your decking or chosen surface following the appropriate building practice and product specifications. Please check before installation for the appropriate fastenings specifications.
- All fastenings of your top surface material must be connected to only the joist, not the DekCradle™ as per manufacturers instruction.



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DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them. All aforementioned products are the trade marks of ARDEX New Zealand Ltd and Batten & Cradle Flooring Systems Ltd.



Engineered solutions
for tiling, flooring and
waterproofing projects

ACCESSORIES

For use with ARDEX Butynol, EPDM, TPO, Undertile
and Bituminous Torch On Waterproofing Membranes



ACCESSORIES

ADDITIONAL ITEMS

<p>10522 Rubber Roller</p>  <p>For detailing sheet membranes</p>	<p>8000007 Probe</p>  <p>For checking welds on TPO membranes</p>	<p>10918 Brass Roller</p>  <p>For detailing sheet membranes</p>	<p>8000007 Triac PID</p>  <p>Digital micro processor temperature control</p>
<p>10485 Long Handle Roller</p>  <p>For detailing sheet membranes</p>	<p>10801 Pressure Bar</p>  <p>For terminating sheet membranes</p> <p>38mm x 2.4m long</p>	<p>22154 Plunger Can</p>  <p>Convenient solvent dispenser</p>	<p>8000007 Uniroof E</p>  <p>Hot air welding machine</p>
<p>13264 Green Right Mix Bucket</p>  <p>20 litre mixing bucket</p>	<p>11030 Water Gauging Bucket</p> 	<p>73201 30L Mixing Bucket</p> 	
<p>8000007 Versicill</p>  <p>Drainage system for ARDEX Living Roof Systems. Available on indent order.</p>	<p>19492 Deck Cradle</p> 	<p>8000007 Triac S</p>  <p>Manual temperature control</p>	

