




CLEVA POD® Product Environmental Statement

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Product Description	CLEVA POD® is a patented forming system for concrete slab foundations made from 100% recycled and waste plastic. It is an environmentally friendly, cost-effective alternative to polystyrene raft waffle POD or slab on grade concrete foundations.		
Dimensions	1100 x 1100 x 220 Weight: 7.0 kgs	1090 x 1090 x 225 Weight: 6.9 kgs	1090 x 1090 x 300 Weight: 8.0kgs
Scope of Use	The CLEVA POD® system is easy to install and ideal for residential, commercial, and industrial buildings. The CLEVA POD® is suitable for all raft/floating slab systems throughout New Zealand.		
Limitations/Disclaimer	CLEVA POD®s are a component used to create 75mm, 100mm or greater concrete ribs throughout the floor, providing additional strength and excellent insulating qualities. CLEVA POD® typically is used with 100 or 80mm top slab coverings.		
Compliance	<p>CLEVA POD®, specified and employed in accordance with the current CLEVA POD® Specification & Installation Guide, assists in meeting the provisions of AS 2870-1996 Residential slabs and footings – Construction and is incorporated in the CodeMark Certified (CMNZ70056) Firth RibRaft® Technical Manual, as the environmental choice.</p> <p>The POD component of a raft/waffle floor is a non-structural element. The ribs between the pods and reinforcing steel create the structural strength. Therefore, the CLEVA POD® meets the New Zealand Building Code by the nature of the “System” rather than the POD element alone.</p> <p>In New Zealand and Australia there are no particular requirements on what is used as a void former in waffle systems. AS2870-2011 Residential Slabs and Footings only uses reference to “Formed void” in the design of a waffle raft and is silent on the method of forming the void. Certification agencies in New Zealand and Australia do not request any details on the actual void.</p>		
Greenstar Credit 21 B Sustainable Products Content  	<p>The CLEVA POD® foundation system components are manufactured from 100% recycled and waste Polypropylene plastic and are fully recoverable, recyclable, uses renewable resources that are locally produced, is energy and thermally efficient, has a low environmental impact, is very durable, eliminates waste, and has a very positive social impact and compared to the traditional polystyrene and has an affordable life-cycle cost.</p>		

 <p>100% RECYCLABLE</p>	<p>CLEVA POD® is manufactured in Australia by Socobell OEM, at their Sunshine production facility in Melbourne.</p>
<p>Greenstar Credit 22 Construction and Demolition Waste</p>	<p>CLEVA POD® component off cuts can be (a) collected and sent to plastic recycling (b) can be cut up and placed inside the void under the CLEVA POD® and recovered for recycling at the end-of-life demolition of the foundation and this can occur multiple times.</p> <p>A foundation using the CLEVA POD® system is fully recoverable as concrete does not adhere to polypropylene therefore all the components steel, concrete and plastic CLEVA POD® can all be recovered at the end of the foundation’s life cycle rather than as current practice all the material ending up in landfill.</p>
<p>Quality Assurance</p>	<p>The CLEVA POD® manufacturers, Socobell OEM operates under a Quality Management System and is committed to complying with all requirements of ISO 9001 Quality Management Systems and ISO 14001 Environmental Management Systems. The scope of the quality system includes the design, development, manufacture, distribution and recycling of products.</p>
<p>Product Support</p>	<p>CLEVACO® provides extensive product support for our full range of plastic-based foundation products. By visiting www.clevaco.com you can access all the latest information regarding our products including Product Guides, Specification and Installation Guides, Technical Notes, Information Bulletins, CAD Drawings, and other useful information. In addition to this CLEVACO® have a team of Technical Experts available to assist with any product enquiries. You can contact the team by calling +6421 669 528 or +6427 475 5907 or by emailing info@clevaco.co.nz</p>
<p>Legal Disclaimer</p>	<p>The information contained in this document is current as of November 2024 and is based on data available to CLEVACO® at the time of going to print.</p> <p>CLEVACO® reserves the right to change the information contained in this document without prior notice. It is your responsibility to ensure that you have the most up to date information available. You can call on +6421 669 528 or +6427 475 5907 or visit www.clevaco.co.nz to obtain current information.</p> <p>CLEVACO® has used all reasonable endeavours to ensure the accuracy and reliability of the information contained in this document. However, to the maximum extent permitted by law, CLEVACO® assumes no responsibility or liability for any inaccuracies, omissions or errors in this information nor any actions taken in reliance on this information.</p>



Information contained in this document is specific to the CLEVACO® CLEVA POD® products and must not be used with any other plastic foundation products no matter how similar they may appear. For further information contact Customer Services on email info@clevaco.com or phone +6421669528 or www.clevaco.co.nz