

CLASS 1

Building Product Information Sheet

Product name:

Ground Chair – Bar chair (incl Raft Rail and Podlock)

Product description and its intended use (*measurements, materials, usage*):

Castle Ground chairs are designed with the highest construction standards in mind; features include a handy clip-on function so you can clip on to the mesh upside down, shake the mesh and all the chairs swing into place. The raft rail is designed to work with all types of pods. It allows for a 40mm cover between the mesh and pod. The spikes allow you to firmly attach it to the pods and keep it in place during the concrete pour. The Podlock system pins the pods down, preventing them from blowing away. Once the pods and spacers are in position, placing your bar in the trench is also made easier with the wide mouth bar support. Code: G25/40, Description: 25mm & 40mm covers. Code: G50/65, Description: 50 & 65mm covers. Code: G75/90, Description: 75mm & 90mm covers. Code: G85/100, Description: 85mm & 100mm covers. Code: RR600, Description: 40,600mmm cover, HEAVY DUTY. Code: PS100, 50mm cover, 100mm spacing. Code: PS101, Description: 50mm cover, 100mm spacing.

Place of manufacture:

Aotearoa New Zealand

Overseas

Legal and trading name of the manufacturer(s):

Legal and trading name of the importer (*if applicable*):

Polymer Systems International Ltd. Trading as Castle NZ

Address for Service:

15 Thames Street, Napier, Pandora, Napier, New Zealand, 4110

Website:

<https://castlenz.com/>

Email:

sales@castlenz.com

Phone No. (*if applicable*):

06 835 5463

NZBN (*if applicable*):

9429035484592

Relevant building Code clauses:

AS/NZS 2425:2015

Statement on how the building product is expected to contribute to compliance:

The objective of this Standard is to specify product performance requirements and test methods for bar chairs and spacer in reinforced concrete.

Consideration was given to inclusion of durability requirements. However the Committee resolved that specification of durability resided with the design Standards (such as AS 3600 Concrete Structures, and NZS 3101 series, Concrete structures Standard), except for concrete bar chairs where impermeability is intrinsic to their performance and is not covered in the design Standards.

- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured.
- physical properties of the building product • how the building product is intended to be used.

Limitations on the use of the building product:

Castle Bar chairs are batch tested and meet the AS/NZS 2425:2015 Standards for bar chairs in reinforced concrete. When putting down your reinforcing layer it is important to strategically choose your chair spacing to prevent collapse while preparing or pouring concrete. AS/NZS 2425:2015 Standards specify Bar chairs exceed point load testing of 60kg, Castle Bar chairs exceed load ratings in the range of 90kg - 300kg.

Is the building product/building product line subject to warning or ban under section 26?:

Yes No

If yes, description of the warning or ban under section 26:

Date:

19/09/2023