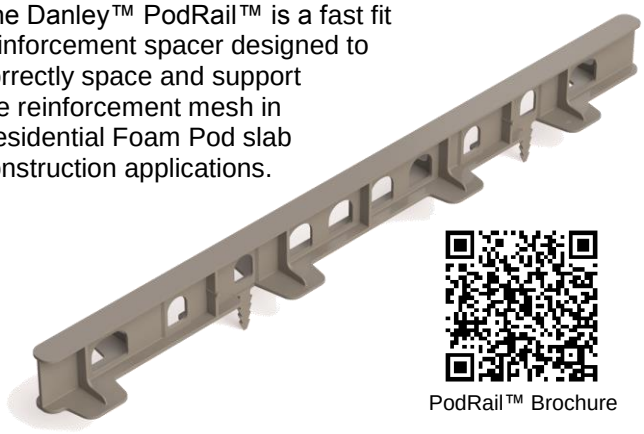
ramsetreid
product update

DANLEY Systems

Title	**Danley™ PodRail™ and AS/NZS 2425:2015 Compliance**
Date:	**1st March, 2017**

Danley™ PodRail™- Residential Foam Pod Reinforcement Spacer System

The Danley™ PodRail™ is a fast fit reinforcement spacer designed to correctly space and support the reinforcement mesh in Residential Foam Pod slab construction applications.



PodRail™ Brochure

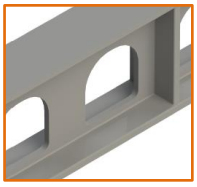
Typical Residential Foam Pod Slab construction using PodRail™

Why use the Danley™ PodRail™?

The Danley™ PodRail™ provides a number of benefits and advantages for the residential foam pod flooring contractor. The Podrail™ is easy to use, provides faster set up than traditional chairs and reduces installer fatigue.

Anchoring Spikes: Built in anchoring spikes hold the PodRail™ in position on the pod first time!

Flat Design: The "I" profile shape ensures flatness on the bottom and top of the PodRail™. This enables mesh to be easily moved into position.



Aperture Design: The large flat 22mm apertures help reduce air pockets in the concrete, reducing the likelihood of cracking. Improves slab finish.

The advantages of using PodRail™ over traditional bar chairs:

The Danley™ PodRail™:

- **More surface area is in contact with the p**od, deflecting load and minimising depressions in the pods.
- **Easy to install.** Simply press the PodRail™ into the foam pod.
- Spikes hold the PodRail™ firmly in place on the pod, ensuring a quality set up.
- With a height of 40mm, the PodRail™ provides **uniform mesh placement.**
- **Reduced worker fatigue!** Less time & effort in set up using PodRail™ over traditional bar chairs.

When using traditional bar chairs:

- Pods used in residential flooring applications cannot withstand **high point loads** created by traditional bar chairs.
- **More time and effort** is required to set the mesh at the correct height
- It is significantly **harder to adjust and correct the position of bar chairs** with the operator standing on the mesh.
- **Variation in mesh height and position will occur**, causing the potential for faulty floor slab construction.

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A New Australian & New Zealand Standard: AS/NZS 2425:2015 - Bar Chairs in reinforced concrete

- Published on 29th June 2015.
- AS/NZS 2425:2015 specifies product performance requirements and test methods for bar chairs and spacers in reinforced concrete.

Why the new AS/NZS 2425 Standard?

- Unsatisfactory manufacture and application of bar chairs and spacers can lead to the misplacement of steel reinforcement.
- This in turn may compromise structural strength and reduce the durability of reinforced concrete.
- AS/NZS 2425:2015 aims to put in place minimum acceptable product quality and load carrying limits to avert these pitfalls.

ramsetreid™ in-house testing complies with AS/NZS 2425:2015

AS/NZS 2425:2015 is now mandatory. Does your current bar chair supplier comply?

ramsetreid™ compliance to AS/NZS 2425:2015

The ramsetreid™ range of bar chairs and spacers manufactured in Australia under the Reid™ and Danley™ trademarks satisfy the requirements of AS/NZS 2425:2015 Bar Chairs in reinforced concrete – Product requirements and test methods.

To learn more about our compliance with AS/NZS 2425:2015, click here.

About ramsetreid™

A Division of ITW Australia Pty Ltd, ramsetreid™ is the business that brings together the Ramset™, Reid™ and Danley™ brands across Australia and New Zealand.

Firmly focused on concrete construction in the Commercial, Precast, Tilt-Up, Industrial, Residential Flooring and Pavement markets in Australia and New Zealand, we are a business with a proud heritage of serving the concrete construction market.

We are a local company with an extensive manufacturing, engineering, distribution and R&D footprint across Australia and New Zealand. This allows us to develop or source the best product and service solutions for customers' construction projects.

The ramsetreid™ site located at Chirnside Park Victoria, is an ISO 9001 certified facility.

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