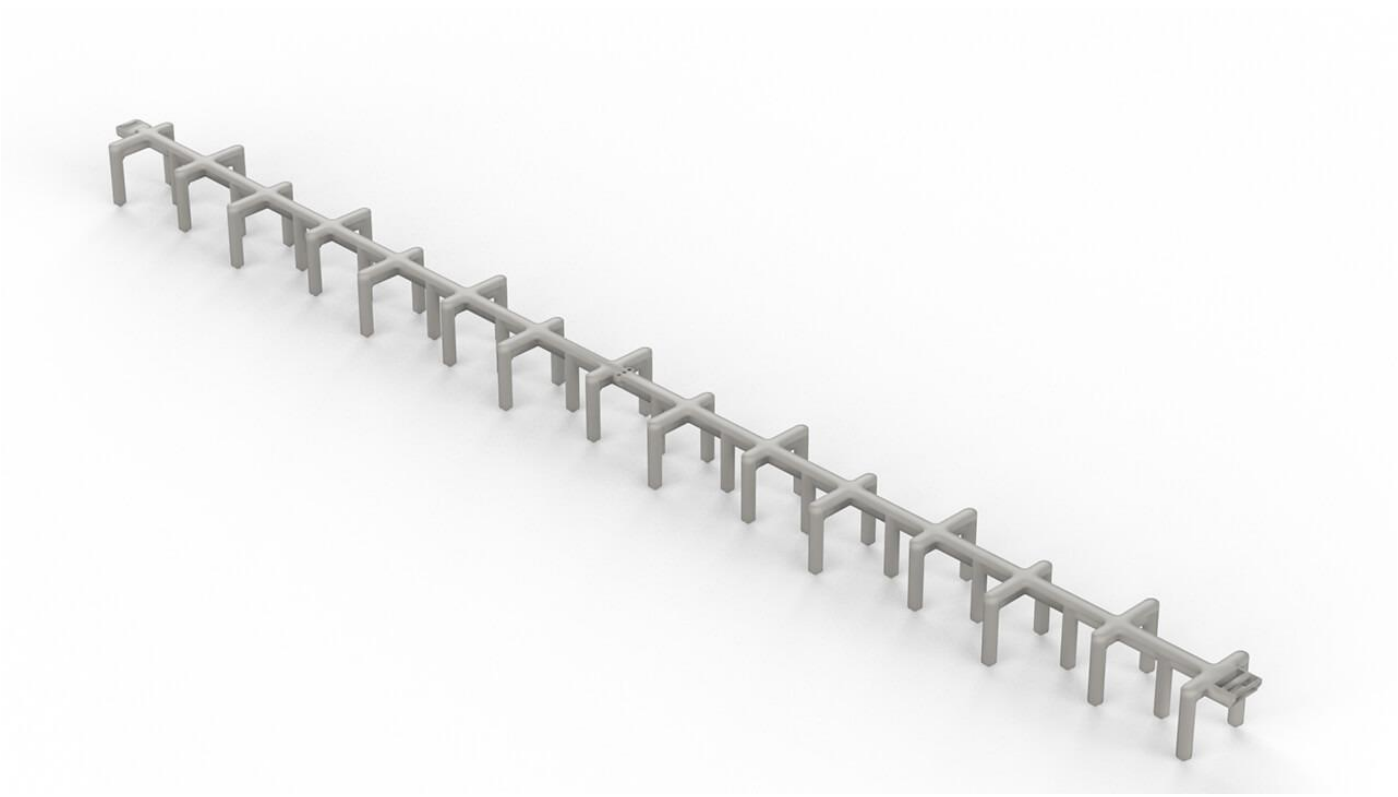


PSA Continuous Deck Rail

Continuous Chair Solution for suspended slabs, columns, precast or tilt-up panels

PSA CONTINUOUS DECK RAIL

The PSA Continuous Deck Rail is a durable, continuous spacer designed to provide strong and stable support for reinforcement bars and reinforcement mesh across a wide range of concrete construction applications. Engineered for versatility, it is suitable for use on all common types of formwork.

Continuous Deck Rails are available in heights from 20 mm to 75 mm, offered in 5 mm increments, and supplied in 1100 mm lengths to facilitate achieving any required concrete cover. Each rail features two outer support legs spaced at approximately 75 mm centres and one additional central support leg, ensuring excellent stability.

By using Continuous Deck Rails, the need for clipping individual bar chairs to reinforcement—and the associated "chairing-up" after placement—is eliminated. This makes them ideal for:

- Suspended decks
- Columns
- Precast or tilt-up panels
- Exposed in-situ concrete elements
- Precast beams
- Slabs on blinding concrete

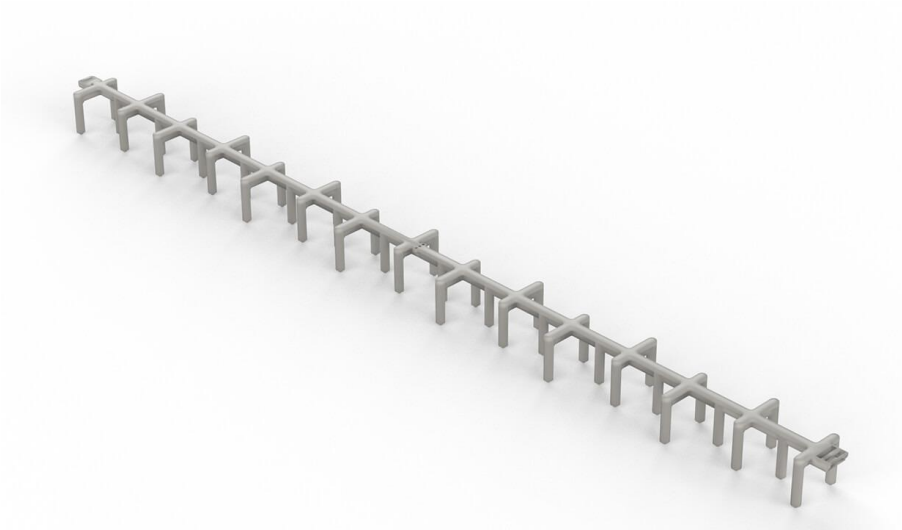
VERSATILE APPLICATION

The Deck Rail is one of the most adaptable spacers available, combining high strength, stability, and minimal visual exposure. A male–female clip-in connection at opposite ends allows users to join multiple rails into continuous lengths or use them as standalone sections.

Each 1100 mm rail is designed to snap cleanly in half, creating two 550 mm sections where shorter lengths are required.

For areas with concentrated loads, the 1100 mm rails can be joined end-to-end (male-to-female) to form a circular configuration of approximately 350 mm diameter, providing additional support where needed.

PSA Continuous Deck Rail is also available in 350mm lengths.



PRODUCT RANGE

Interconnecting Continuous Deck Rail – 1100mm long	
Product Code	**Description**
CDR020	20mm x 1100mm Interconnecting Continuous Deck Rail
CDR025	25mm x 1100mm Interconnecting Continuous Deck Rail
CDR030	30mm x 1100mm Interconnecting Continuous Deck Rail
CDR035	35mm x 1100mm Interconnecting Continuous Deck Rail
CDR040	40mm x 1100mm Interconnecting Continuous Deck Rail
CDR045	45mm x 1100mm Interconnecting Continuous Deck Rail
CDR050	50mm x 1100mm Interconnecting Continuous Deck Rail
CDR055	55mm x 1100mm Interconnecting Continuous Deck Rail
CDR060	60mm x 1100mm Interconnecting Continuous Deck Rail
CDR065	65mm x 1100mm Interconnecting Continuous Deck Rail
CDR070	70mm x 1100mm Interconnecting Continuous Deck Rail

Continuous Deck Rail – 350mm long	
Product Code	**Description**
CDR025350	25mm x 350mm Continuous Deck Rail
CDR030350	30mm x 350mm Continuous Deck Rail
CDR035350	35mm x 350mm Continuous Deck Rail
CDR040350	40mm x 350mm Continuous Deck Rail
CDR045350	45mm x 350mm Continuous Deck Rail
CDR050350	50mm x 350mm Continuous Deck Rail
CDR055350	55mm x 350mm Continuous Deck Rail
CDR060350	60mm x 350mm Continuous Deck Rail
CDR065350	65mm x 350mm Continuous Deck Rail
CDR070350	70mm x 350mm Continuous Deck Rail

Note: PSA Deck Rail in 350mm length comply with VicRoad Section 610.26 for continuous bar chairs

COMPLIANCE AND LOAD RATING

The PSA Continuous Deck Rail is fully compliant with **AS/NZS 2425:2015**.

The rails are rated to support **60 kg point loads**, equating to **more than 300 kg per linear metre**, delivering reliable and consistent performance in demanding conditions.

The product has been tested by an independent, NATA-accredited laboratory, and PSA conducts ongoing internal quality control testing to ensure continuous compliance with relevant standards.

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