

### What are Semifix Super Plastic Bar Chairs?

Semifix Super plastic bar chair is a 350mm long continuous spacer for precast or formwork applications. In addition to providing minimal exposure, these plastic deck rails are stable and are highly capable of spreading the load as compared to individual spacers.

In addition to the sets of vertical legs at 75mm centers, the centrally positioned support legs provide the deck rail with the stability and strength required on construction sites.

Another key design feature is that the male and female connections at either end of the Semifix Super allow the user to connect multiple deck rails to any given length.

Continuous Bar Chairs are the choice for heavy load reinforcement elements on large scale applications, such as Super T-Beams and Bridge girders. The quality cover guaranteed by the spacer is matched by the labor saving & peace of mind obtained by using it.



### Features

- JOINABLE Continuous Heavy Duty Spacers
- Strong, sturdy & stable design
- Male & Female connection for fast assembly on-site
- Available in 25, 30, 35, 40, 50, 60, and 75mm
- Complies with AS/NZS 2425:2015 with a 120 kg rating
- Shorter lengths preferred in government jobs over longer continuous spacers

### Areas of Application

- Suspended decks
- Precast or Tilt-up panels
- In situ and precast beams
- Slabs on blinding concrete

Part Number	Cover (mm)	Length (mm)	Material	Min Bar Size (mm)	Max Bar Size (mm)	Reo Type	Strength Rating (kg)	Style	Pack Size
33SSUPER.25	25	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.30	30	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.35	35	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.40	40	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.45	45	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.50	50	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.55	55	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.60	60	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.65	65	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.70	70	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100
33SSUPER.75	75	350	Plastic	Any	Any	Bar; Mesh	120	Continuous	100



# Semifix Super

## Continuous Plastic Bar Chair

	Items	Test Condition	Test Method	Test Data	Unit
Basic Performance	Melt Flow Rate	230°C	ASTM D-1238	14	g/10 min
	Water Imbibition	After 24 Hours	ASTM D-570	0.02	%
	Density		ASTM D-1505	0.9	g/cm <sup>3</sup>
Mechanical Properties	IZOD Notched Impact Strength IZOD	23°C	ASTM D-256A	2.6	kg.cm/cm
	Elongation at Break		ASTM D-638	10	%
	Tensile Yield Strength		ASTM D-638	360	kg/cm <sup>2</sup>
	Rockwell Hardness		ASTM D-785A	97	R scale
Thermal Properties	Bending Modulus		ASTM D-790B	17500	kg/cm <sup>2</sup>
	Heat Deflection Temperature	4.6kg/cm <sup>2</sup>	ASTM D-648	99	°C

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by Conac are based upon records, tests, or experience that Conac believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any Conac or third party intellectual property rights is granted or implied with this information. Product Selection and Use: Many factors beyond Conac's control and uniquely within user's knowledge and control can affect the use and performance of an Conac product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., AS, Work Safe etc.). Failure to properly evaluate, select, and use an Conac product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property. Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable Conac product packaging or product literature (in which case such warranty governs), Conac warrants that each Conac product meets the applicable Conac product specification at the time Conac ships the product. Conac MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a Conac product does not conform to this warranty, then the sole and exclusive remedy is, at Conac's option, replacement of the Conac product or refund of the purchase price. Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, Conac will not be liable for any loss or damage arising from or related to the Conac product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.