

What are Super Plastic Deck Rails?

Super Bolster Deck Rail or Super Plastic Deck Rail are a 1100 mm long continuous spacer for 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 centres, 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 plastic deck rail allow the user to connect multiple deck rails to any given length.



Super Bolster Deck Rail

Features

- Strong, sturdy & stable design
- Male & Female connection for fast assembly on-site
- Available in many sizes
- Deck Rail base for slab-on-ground applications is available separately
- Complies with AS/NZS 2425:2015 with a 120 kg rating

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
33SBDR.025	25	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.030	30	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.035	35	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.040	40	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.045	45	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.050	50	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.055	55	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.060	60	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.065	65	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20
33SBDR.075	75	1100	Plastic	Any	Any	Bar; Mesh	120	Continuous	20



Bolster Deck Rail

Plastic Bar Chair

Raw Materials

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/cm3
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/cm2
	Rockwell Hardness		ASTM D-785A	97	R scale
Thermal Properties	Bending Modulus		ASTM D-790B	17500	kg/cm2
	Heat Deflection Temperature	4.6kg/cm2	ASTM D-648	99	°C

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