

Rugby Plastics Ltd

Here at Rugby Plastics Ltd we have specialised, since 1969, in the development, design and manufacture of quality plastic mouldings for the Civil and Pre-cast construction industries. Offering a friendly service that aims to meet are customers needs in product design, performance and availability.

- All spacers are designed in-house to comply with British Standards BS7973 Part 1, or use the standard as a guideline for the design of spacers that are not covered by the standard.
- All parts are produced in our UK factory.
- All spacers are made from recycled materials where appropriate.
- All spacers are tested to comply with British Standards BS7973 Part 1, or use the standard as a guideline for spacers that are not covered by the standard.
- A large selection of standard products can be supplied from stock.
- Specially designed parts are designed, manufactured, tested and supplied to order.

LIGHT & HEAVY DUTY CLIP ON PILE CAGE SPACERS.



These are a single cover spacer, which can be used for both insitu' piling and diaphragm wall reinforcement. Both the light and heavy duty styles feature a central clip, which simplifies the fixing process; and allows the spacer to rotate freely around the rebar. The heavy duty spacers have a wide rim width to provide stability in poor ground.

Ref No.:	Rim Width.	Cover (mm), Bar Ø (mm).	Bag Qty.
PCL1239.	10mm.	40/ 6-12.	500.
PCL1266.	10mm.	50/ 6-12.	250.
PCH1263.	30mm.	45/ 6-12.	250.
PCH1345.	30mm.	50/ 6-12.	200.
PCH1328.	30mm.	75/ 6-12.	100.
PCH1263/1.	30mm.	45/ 16.	250.
PCH1447.	30mm.	50/ 16-20.	200.
PCH1357.	30mm.	75/ 16-20.	100.
PCH1490.	30mm.	100/ 16-20.	50.

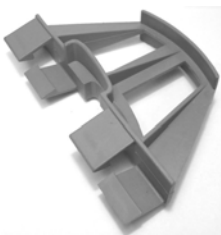
HEAVY DUTY SLIDE ON PILE CAGE SPACERS.



These single cover spacers, can be used for both insitu' piling, diaphragm wall reinforcement and other heavy duty applications. Once in place upon the pile cage, the spacer can rotate freely without coming free, providing consistent cover.

Ref No.:	Rim Width.	Cover (mm), Bar Ø (mm).	Bag Qty.
PSH1325.	30mm.	50 / 10.	200.
PSH1326.	30mm.	50/ 12.	200.
PSH1490/1.	30mm.	100/ 20.	50.

SLEDGE SPACER.



A single cover clip-on spacer, suitable for the placement of a cage through the concrete. Substantial clips simplify the fixing process which relies on the cage helix or rings to locate this spacer, and ensure that the correct cover remains in place.

Ref No.:	Rim Width.	Cover (mm), Bar Ø (mm).	Bag Qty.
SS1278.	30mm.	75/ 16-20.	200.
SS1311.	30mm.	75/ 25-32.	200.

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GRADE PLATE SPACER.



A dual cover spacer designed for use in ground floor slabs, and similar applications. They feature large side apertures, to reduce the chance of voids when pouring of the concrete. Along with a large base to prevent puncturing of polythene membranes, and provides greater stability when used on soft grades.

Ref No.:	Cover (mm), Bar Ø (mm).	Bag Qty.
GP1334.	25-30/ 6-20.	200.
GP1320.	40-50/ 6-20.	200.
GP1321.	65-75/ 6-20.	200.
GP1322.	90-100/ 6-20.	100.

'GRIPPA' – GRADE PLATE SPACER.



The 'Grippa' grade plate has built in versatility providing dual cover as a conventional grade plate spacer, for use in ground floor slabs and similar applications. Or utilise the 'Grippa' jaws, which enables these grade plates to be used in a variety of vertical shuttering applications, without the need of extra fixing. They feature large side apertures, to reduce the chance of voids when pouring of the concrete. Along with a large base to prevent puncturing of polythene membranes, and provides greater stability when used on soft grades.

Ref No.:	Cover (mm), Bar Ø (mm).	Bag Qty.
GG1448.	40-50/ 6-12.	250.
GG1515.	65-75/ 6-12.	250.
GG1709.	40-50/ 6-12.	200.

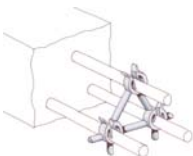
LIGHT WEIGHT SCREED CHAIR.



The light weight screed chair is a plastic screed bar support that may be left in the concrete. Assembled from three components, the 'saddle' gives sturdy support for screed bars up to 45mm in diameter; a threaded 'collar' enables the height of the saddle to be adjusted accurately. Final support is on a stable 'base' unit, with its large footprint and rounded feet to prevent puncturing of membranes.

Ref No.:	Type.	Description.	Bag Qty.
SC1303.	Collar.	27mm O/D Tube.	250.
SC1303/1.	Saddle.	45mm Bar.	250.
SC1303/2.	Base.	27mm O/D Tube.	250.

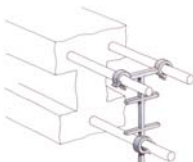
3 BAR POST SPACERS.



A single cover spacer for square fence posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, which provide minimal contact with the post mould. The small arm sections also create an open structure, which allows the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
TP1164.	3MC 75 x 75.	20/ 5-10.	2000.
TP1163.	3MC 100 x 100.	20/ 5-10.	1000.

3 BAR SLOTTED POST SPACERS.



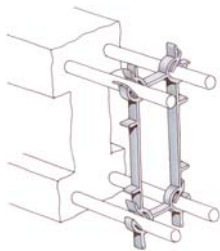
A single cover spacer for slotted fence posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, which provide minimal contact with the post mould. The small arm sections also create an open structure, which allows the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
TP1221.	3MC 87 x 100/50.	10/ 6.	1000.
TP1569.	3MC 100/50 x 87.	8/ 5-10.	2000.

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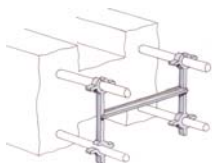
4 BAR SLOTTED POST SPACERS.



A single cover spacer for slotted fence posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the post mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
SP1258.	4MC 100 x 100/50.	17/ 5-10.	1000.
SP1256.	4MC 100 x 125/50.	17/ 5-10.	1000.
SP1525.	4MC 114 x 125/55.	17/ 5-10.	1000.

4 BAR SLOTTED POST SPACERS.



A single cover spacer for slotted fence posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the post mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W/Slot x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
SP1323.	4MC 118/50 x 100.	10/ 6.	1000.
SP1101.	4MC 118/50 x 90.	10/ 6.	1000.
SP1467.	4MC 118/50 x 90/S.	10/ 6.	1000.
SP1377.	4MC 125/50 x 100.	17/ 5-10.	1000.
SP1655.	5MC 126/50 x 100.	10/ 5-10 & 8-12.	1000.
SP1655/1.	4MC 126/50 x 100.	10/ 5-10.	1000.
SP1284.	4MC 125/50 x 125.	17/ 5-10.	1000.

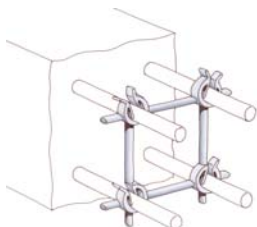
4 BAR SLOTTED CORNER POST SPACERS.



A single cover spacer especially for slotted corner posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the post mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W/Slot x H/Slot (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
SP1685.	4MC 125/50 x 125/50.	7/ 5-10.	500.

4 BAR POST SPACERS.



A single cover spacer for square fence posts, providing a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the post mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
FP1109.	4MC 75 x 75.	20/ 5-10.	2000.
FP1128.	4MC 75 x 100.	20/ 5-10.	1000.
FP1110.	4MC 87 x 87.	20/ 5-10.	1000.
FP1152.	4MC 87 x 100.	20/ 5-10.	1000.
FP1127.	4MC 100 x 75.	20/ 5-10.	1000.
FP1100.	4MC 100 x 100.	20/ 5-10.	1000.
FP1130.	4MC 100 x 125.	20/ 5-10.	1000.
FP1111.	4MC 112 x 112.	20/ 5-10.	1000.
FP1209.	4MC 115 x 140.	20/ 5-10.	500.
FP1223.	4MC 125 x 100.	20/ 5-10.	1000.
FP1112.	4MC 125 x 125.	20/ 5-10.	500.
FP1153.	4MC 150 x 100.	20/ 5-10.	500.
FP1238.	4MC 100 x 150.	20/ 8-12.	500.
FP1194.	4MC 150 x 150.	20/ 5-10.	250.

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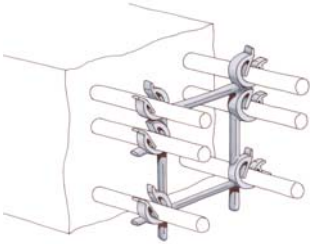
3 BAR LINTEL/ POST SPACER.



A single cover spacer for lintels or posts, which provides a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
LP1151.	3MC 100x 150.	18/ 8-12.	1000.

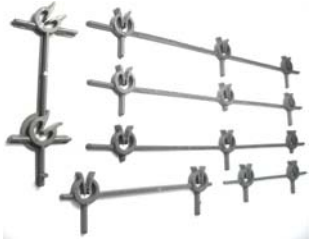
6 BAR LINTEL/ POST SPACERS.



A single cover spacer for lintels or posts, which provides a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
LP1207.	6MC 115 x 110.	16-20/ 5-10.	500.
LP1208.	6MC 115 x 120.	16-20/ 5-10.	500.
LP1251.	6MC 150 x 100.	20/ 8-12.	500.
LP1265.	6MC 220 x 100.	20/ 8-12.	500.

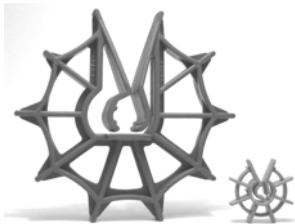
GRAVEL, PANEL & WEATHER BOARD SPACERS.



These single cover spacers provide a plastic link for the reinforcing bars. Designed with a small profile for the arms and legs, they provide minimal contact with the mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Post Size W x H (mm).	Cover (mm), Bar Ø (mm).	Bag Qty.
GB1488.	2MC 150 x 50.	20/ 5-10.	2000.
GB1489.	3MC 300 x 50.	20/ 4-8.	1000.
GB1489/1.	3MC 300 x 50.	8-20/ 4-8.	1000.
GB1489/2.	3MC 300 x 50.	8-20/ 4-8.	1000.
GB1682.	2MC 140 x 47.	12-23/ 4-10.	2000.
GB1621.	2MC 50 x 145.	15-30/ 5-10.	2000.

CIRCULAR BAR SPACERS.



These single cover multi purpose spacers are ideal for such applications as reinforcement in columns, walls and links in beams. Designed with small feet to offer minimal contact with formwork, and an open structure for the unobstructed flow of concrete. They also comply with the requirements of BS7973 Part 1.

Ref No.:	Load Category.	Cover (mm), Bar Ø (mm).	Bag Qty.
CS1459.	S.	11/ 4-6.	5000.
CS1169.	S.	15/ 4-8.	2000.
CS1140.	S.	20/ 4-6.	2000.
CS1257.	S.	20/ 8-12.	2000.
CS1124.	S.	25/ 8-12.	2000.
CS1234.	S.	25/ 16-20.	1000.
CS1161.	S.	30/ 8-12.	1000.
CS1155.	S.	35/ 8-12.	1000.
CS1694.	S.	35/ 12-16.	500.
CS1132.	S.	40/ 8-12.	500.

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LIGHT DUTY 'A' SPACERS.



These single cover multi purpose spacers are suitable for light duty applications. They feature an open design to eliminate voids when pouring of the concrete, and large feet for increased stability when used on uneven surfaces. They also comply with the requirements of BS7973 Part 1.

Ref No.:	Load Category.	Cover (mm), Bar Ø (mm).	Bag Qty.
AL1293.	L.	20/ 6-12.	2000.
AL1287.	L.	25/ 6-12.	2000.
AL1289.	L.	30/ 6-12.	2000.
AL1304.	L.	40/ 6-12.	1000.

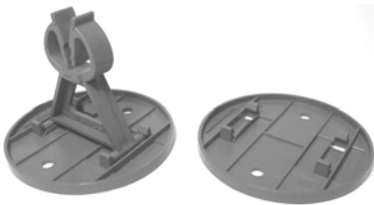
NORMAL DUTY 'A' SPACERS.



These single cover multi purpose spacers are suitable for normal duty applications. They feature an open design to eliminate voids when pouring of the concrete, and large feet for increased stability when used on uneven surfaces. They also comply with the requirements of BS7973 Part 1.

Ref No.:	Load Category.	Cover (mm), Bar Ø (mm).	Bag Qty.
AN1291.	N.	20/ 8-20.	1000.
AN1290.	N.	25/ 8-20.	1000.
AN1292.	N.	30/ 8-20.	1000.
AN1296.	N.	40/ 8-20.	1000.
AN1295.	N.	50/ 8-20.	1000.
AN1465.	N.	90/ 8-20.	500.

'A' SPACER BASE PLATE.



The base plate is an addition for the 'A' spacer, allowing them to work on soft substrates or formwork. The 'A' spacers feet are clipped to the base plate, giving the 'A' spacer greater stability when used horizontally. Or fixed vertically using the fixing holes in the base plate.

Ref No.:	Footprint Ø (mm).	Bag Qty.
AB1394.	90.	500.

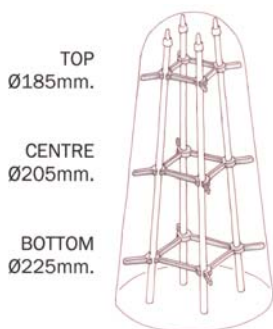
NORMAL DUTY SOFT FORMWORK 'A' SPACER.



These single cover spacers are suitable for normal duty applications, on soft substrates or formwork. They feature an open design to eliminate voids, and to allow the concrete to flow unobstructed when poured. Other features include a large footprint for increased stability, with rounded edges to prevent puncturing of membranes; and nailing slots for vertical fixing. They also comply with the requirements of BS7973 Part 1.

Ref No.:	Load Category.	Cover (mm), Bar Ø (mm).	Bag Qty.
ANSF1706.	N.	40/ 10-12.	400.
ANSF1707.	N.	50/ 10-12.	400.

BOLLARD SPACERS.



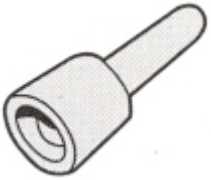
A single cover spacer used to form a plastic link between the reinforcement cages for bollards. Designed with a small profile for the arms, they provide minimal contact with the mould. The small arm sections also allow the concrete to flow unobstructed throughout the mould.

Ref No.:	Type.	Cover (mm), Bar Ø (mm).	Bag Qty.
BS1095.	TOP.	40/ 8.	500.
BS1096.	CENTRE.	40/ 8.	500.
BS1095/A.	BOTTOM.	40/ 8.	500.

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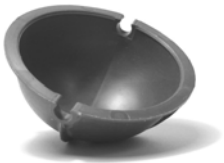
END CAPS.



These single cover spacers provide end cover for reinforcing bars, fabric and mesh where required.

Ref No.:	Type.	Cover (mm), Bar Ø (mm).	Bag Qty.
EC1516.	C.	6/ 8.	5000.
EC1462/1.	C.	7,5/ 4-6.	5000.
EC1411.	C.	12/ 5-8.	5000.
EC1462.	C.	20/ 4-6.	5000.
EC1487.	C.	20/ 8-12.	1000.
EC1415.	C.	20/ 12-16.	1000.
EC1294.	C.	25/ 3.	5000.
EC1285.	C.	25/ 5.	5000.
EC1281.	C.	25/ 6.	5000.
EC1092.	C.	25/ 8.	5000.
EC1415/1.	C.	25/ 12-16.	1000.
EC1360.	C.	30/ 3.	5000.
EC1286.	C.	30/ 5.	5000.
EC1240.	C.	30/ 6.	5000.
EC1280.	C.	30/ 8.	5000.

LIFTING POINT FORMER.



Provides a hand hole for covers and lids, when used in conjunction with rebar.

Ref No.:	Size.	Bar Ø (mm).	Bag Qty.
LF1157.	Ø3" x 1,5" DEEP.	8.	500.

PAVING SLAB SPACERS.



These spacers are designed to separate paving slabs after casting. Their thin design provides a small gap between each slab, reducing the chance of staining of the decorative face, and breakages when stacking and whilst in transit.

Ref No.:	Width x Length x Depth (mm).	Bag Qty.
SL1275/1.	6 x 292 x 4.	2500.
SL1275.	6 x 360 x 4.	2500.

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POST HOLE PINS (TEE).



A re-useable pin, for forming through holes in concrete posts.

Ref No.:	Pin Ø x Length (mm).	Bag Qty.
PP1088.	9,5 x 165.	100.
PP1088/A.	12,7 x 165.	100.
PP1115.	15,9 x 190.	50.

POST HOLE PINS (THREADED).



A re-useable pin, for forming through holes in concrete posts.

Ref No.:	D Ø (mm).	d Ø (mm).	Length (mm).	Thread Size.	Bag Qty.
PT1236.	12.	8.	125.	M12.	100.
PT1255.	14.	10.	150.	M12.	100.

LOAD TABLE.

Products with category ratings L, N, & C comply with the 'Concrete Society' CS101, and 'Comite Euro International Du Beton (CEB)' No:201 recommendations.

Component.	Category.	Typical Types*	Cover / Height (mm).	Test Load (kN).
Spacers.	S.	Clip-on wheel.	15 / 50	0,25
	Light (L).	Clip-on wheel. Clip-on. End.	15* / 50 15* / 50 15* / 50	
	Normal (N).	Clip-on. Wire-on. Line. Rib.	15* / 75 15* / 75 15* / 40 15* / 45	0,25
	Heavy (H).	Wire-on. Line. Rib.	25 / 75 25 / 50 25 / 75	3,00
Chairs.	(C).	Individual. Continuous.	75 / 300 75 / 200	1,00

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