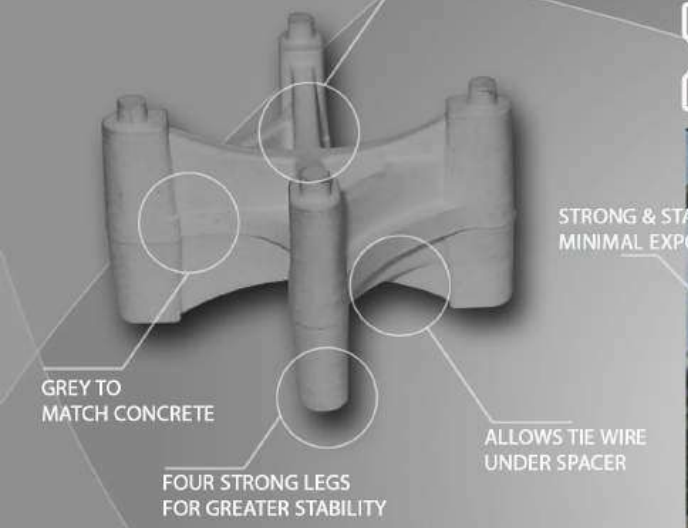
ATLANTA INDUSTRIES, INC.

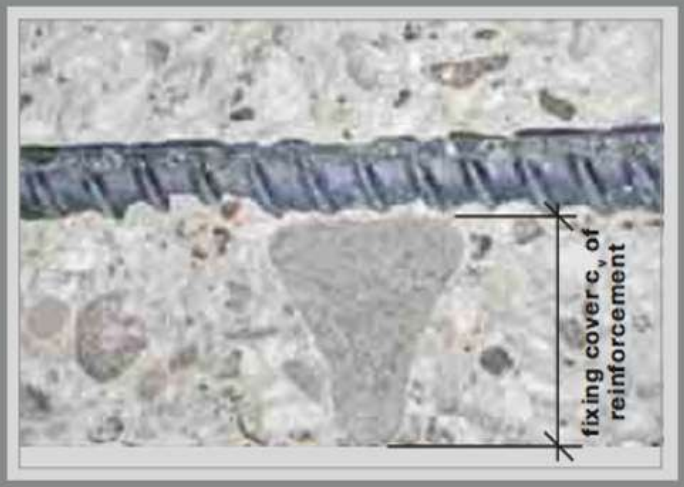
PVC Bar Spacer



Why Use PVC Bar Spacer

The Atlanta PVC Bar Spacer has been designed to support both mesh and large bars in suspended decks, precast beams and panels, and tilt-up applications. As an alternative to wire chairs and concrete blocks in several applications, the Atlanta PVC Bar Spacer are lighter, offer dual heights and ahve no rust problems.

The correct quality and depth of concrete cover to the reinforcement is of great importance both for the durability of reinforced and prestressed concrete structure and for their fire resistance, According to EN1992-1-1:2004 Design of concrete structures . General rules for building "the reinforcement is to be placed with a fixing cover, so that there is a high degree of probability that the minimum reinforcement cover.



Durabilty
Protection of reinforcement against carboanation, chloride ingress and other aggressive substance.

Stability
Safe transmission of static forces into the concrete.

Fire Resistance
Protection of reinforcement against high temperatures during fire events.

PVC Bar Spacer

Consistent high compressive strength with resistance to tilting.

Excellent bond with in-situ concrete - no hairline cracks between the spacer and the concrete.

Extremely suitable for imprmeable concrete

Excellent physical and chemical resistance.

Consistent and accurate dimensional tolerances and do not deform under temperature fluctuation.

Quick and easy installation with a number of fixing options.

DIN EN ISO

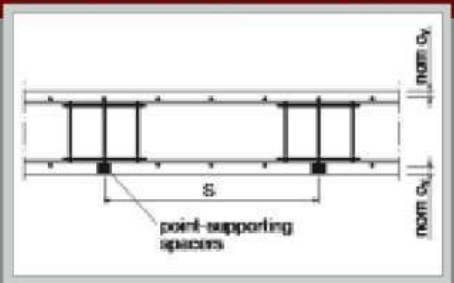
Manufactured in accordance with ISO 9001 : 2008

Applications

Construction Sites
Spacers for all construction application

Precast Plants
Spacers for lightly loaded applications

Structural Element: Slabs



The fising interval is based primarily on the accepted deflection at maximum loading, e.g. when the reinforcement is walked on especially during concreting. When placing bar spacers in the tension zone, we also recommend the use of short lengths staggered across the formwork.

IDEAL FOR: SUSPENDED DECKS & BEAMS, TILT-UP PANELS, PRECAST PANELS & BEAMS & BLINDING CONCRETE

Consider deflection of thin supporting bars during concreting. Check resistance of spacers to extra loading for heavy reinforcement.

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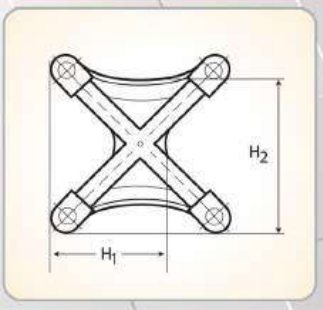
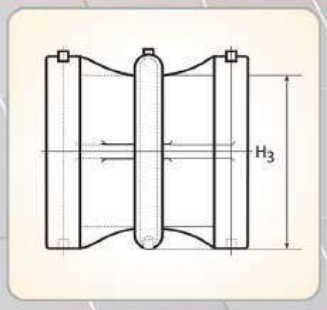
Spacer Fixing Distances S

Supporting bar diameter d_s	max. S	Required quantity m²			
		Single spacer	Bar spacer		
			L = 0.18 m	L = 0.33 m	L = 1.00 m
≤ 6.5 mm	0.50 m	4	3.0	2.5	1.33
> 6.5 mm	0.70 m	2	1.6	1.4	0.84

Specification

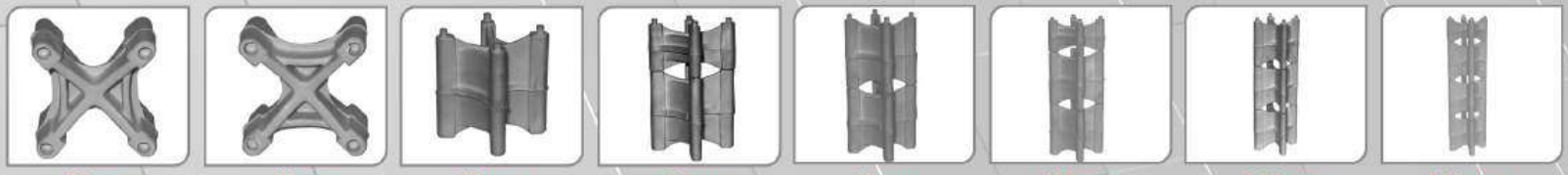




DESCRIPTION

CODE	H_1	H_2	H_3
SBS232	20mm	30mm	20mm
SBS234	20mm	30mm	40mm
SBS235	20mm	30mm	50mm

8 Ways To Assemble Different Desired Protective Level



20mm 30mm 40mm 60mm 80mm 100mm 120mm 140mm

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