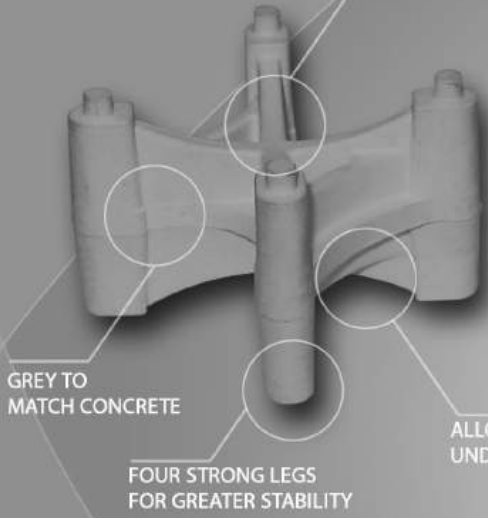




LARGE SADDLE  
FIT ALL COMMON REINFORCEMENT SIZES

# PVC Bar Spacer



GREY TO  
MATCH CONCRETE

FOUR STRONG LEGS  
FOR GREATER STABILITY

STRONG & STABLE  
MINIMAL EXPOSURE

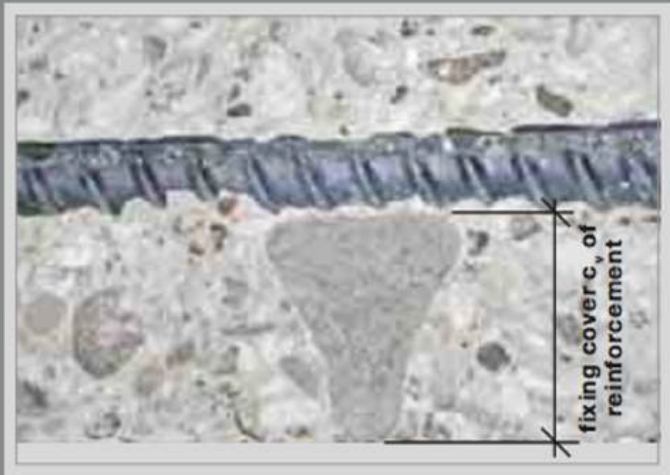
ALLOWS TIE WIRE  
UNDER SPACER



## 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 have 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.



-  **Durability**  
Protection of reinforcement against carbonation, 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 impermeable 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.



Manufactured in accordance with ISO 9001 : 2008

## Applications

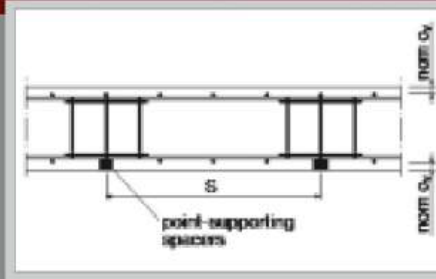


**Construction Sites**  
Spacers for all construction application



**Precast Plants**  
Spacers for lightly loaded applications

## Structural Element: Slabs



The fixing 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

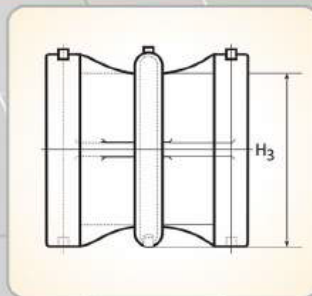
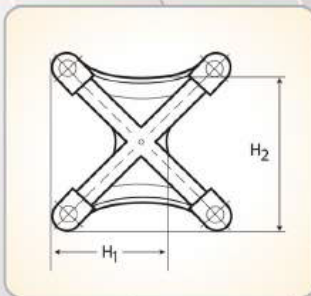
Consider deflection of thin supporting bars during concreting. Check resistance of spacers to extra loading for heavy reinforcement.

The fixing 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.

### Spacer Fixing Distances S

Supporting bar diameter $d_s$	max. S	Required quantity $m^2$			
		Single spacer	Bar spacer L = 0.18 m	Bar spacer L = 0.33 m	Bar spacer L = 1.00 m
$\leq 6.5$ 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 <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>
SBS232	20mm	30mm	20mm
SBS234	20mm	30mm	40mm
SBS235	20mm	30mm	50mm

## 8 Ways To Assemble Different Desired Protective Level



20mm



30mm



40mm



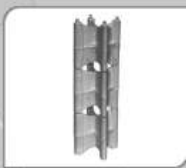
60mm



80mm



100mm



120mm



140mm

Unit 35th Atlanta Centre #31 Annapolis St., Greenhills, San Juan City

Tel. nos.: 723-0781 to 96 / 744-4700 Fax nos.: 722-8705 / 723-9576 Website: <http://www.atlanta.ph> Email: [atlanta@atlanta.ph](mailto:atlanta@atlanta.ph)