

Spacers allow the specified concrete cover in reinforced structures to be maintained both before and during concreting

ADVANTAGES OF FIBER CONCRETE SPACERS

- High compressive strength of fiber concrete spacers ensures that the spacers remain in place before and during concreting (plastic spacers are subject to deformation under high loads)
- Fiber concrete spacers have better bonding with in-situ concrete. As a result hairline crack formation is discouraged (hairline cracks are often seen where plastic spacers are used)
- Fiber concrete spacers can allow construction of surfaces that are impermeable to water
- Fiber concrete spacers are more cost-effective as compared to plastic spacers
- Fiber concrete spacers are fire resistant and not attacked by alkalies



Spacer positioning is based primarily on acceptable deflection at maximum loading, e.g., when workers are walking on the reinforcement. Therefore, thinner rebars require more spacers than larger diameter rebars.

SLABS

<u>Rebar Diameter</u>	<u>Maximum Distance</u>	<u>Pieces Required (per sq-meter)</u>
All	70 cm	2

BEAMS & COLUMNS

Spacer distance in longitudinal direction

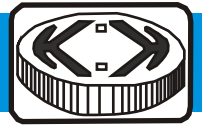
<u>Rebar Diameter</u>	<u>Columns</u>	<u>Beams</u>
up to 10 mm	50 cm	25 cm
12 up to 20 mm	100 cm	50 cm
over 20 mm	125 cm	75 cm

Pieces Required in transverse direction

<u>Width/Height of Beam/Column</u>	<u>Columns</u>	<u>Beams</u>
up to 100 cm	2	2
over 100 cm	≥ 3	≥ 3

WALLS

<u>Rebar Diameter</u>	<u>Maximum Distance</u>	<u>Pieces Required (per sq-meter)</u>
up to 8 mm	70 cm	4
over 10 mm	100 cm	2



Single Spacers (for horizontal & vertical rebars)*

<u>PICTURE</u>	<u>Product Code</u>	<u>Concrete Cover,</u> <u>mm</u>
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Single Spacing with Hole for Tying Wire



CONS20

20

Double Spacing with Hole for Tying Wire



COND25

25/30







COND40

40/50

- * Spacers should be fixed at the crossing point of rebars
- * Manufactured from concrete with minimum M-35 compressive strength
- * Our multi-cover spacers reduce warehousing cost



Single Spacers (for horizontal rebars)*

<u>PICTURE</u>	<u>Product Code</u>	<u>Concrete Cover, mm</u>
Double Spacing		
	COND20	20/25
Triple Spacing		
	CONT30	30/35/40
	CONT45	45/50/55
	CONT60	60/65/70

* Manufactured from concrete with minimum M-35 compressive strength

* Our multi-cover spacers reduce warehousing cost