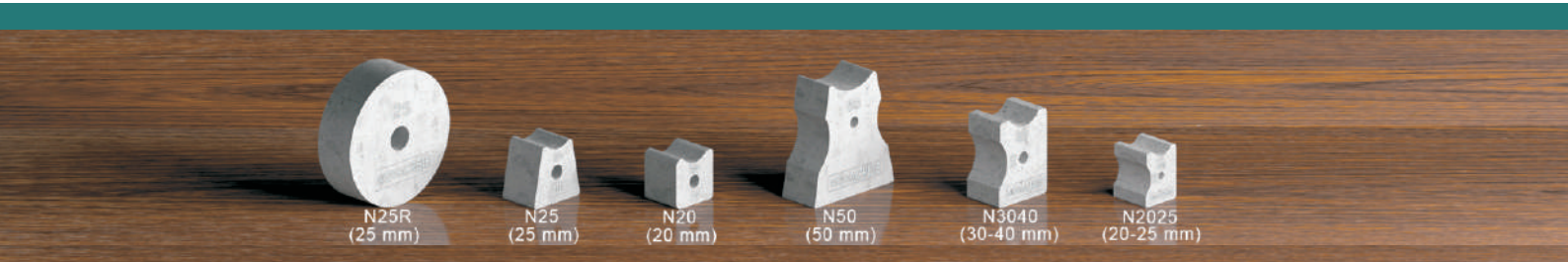




NOVACRETE SPACERS

The art of building structures is not just in the beauty of the design, but also in its strength, precision and durability. A lot of emphasis is laid on reinforced concrete giving due attention to both the quality of Steel as well as Concrete.

Why let trivial yet critical determinants ruin your executions of designs?



What do Spacers do in a RCC structure?

Spacers, also known as Cover Blocks in technical terminology are specifically designed blocks that serve to lift the rebar matrix off the ground so that concrete may flow underneath the rebar. Besides this they also:

1. Prevent corrosion
2. Provide specific height for your structure before pouring
3. Provide thermal insulation from fire.
4. Provides sufficient embedding to enable them to be stressed without slipping
5. Prevents sagging of rebars by providing support
6. Minimises that required concrete coverage during the pour.

Prevent flawed Onsite Practices :

Masons are engaged to make blocks or either wood, broken tiles and broken paver blocks are used to lift the rebar matrix. The cost of these measures can be much more expensive than using factory made spacers in the long run.

Effects of flawed Onsite Practices :

1. The non uniformity of these blocks do not provide adequate support
2. Incompatibility of material like wood, tiles or plastic does not allow for adequate bonding
3. Results in bad finishing that can affect the overall finish

NOVACRETE

S P A C E R S

Why Novacrete Spacers?

Novacrete Spacers are made using PP fibres under the strictest quality control processes as compared to any other brand. NOVACRETE Spacers have a minimum crushing strength of M-60 so there are no weak zones in the concrete.



N25R
(25mm)



N50
(20mm)



N2025
(20-25mm)

The Novacrete Brand Promise

Novacrete is a reputed solution provider in concrete products since 2004. Living up to its legacy of brand promise, we have a dedicated team of qualified professionals who can provide customer support and assistance to dealers as well as end users in proper selection and usage of cover blocks as per British Standard.

Novacrete Spacers come to you with a guarantee against on site failure of our cover blocks



N25
(25mm)



N50
(50mm)



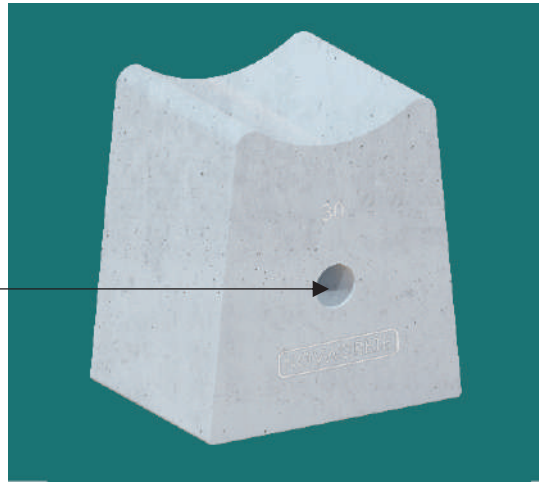
N4030
(30-40mm)

Novacrete spacers have a minimum crushing strength of M-60 so there are no weak zones in the concrete.

Single Cover Spacers

The Novacrete Advantage

Holes provided for each and every block for inserting binding wires for proper tying with steel bars.



Easy to identify.
Economical.
Most basic product.

Product Code	Cover Size (mm)	Max. Permissible Rebar Dia. (mm)	Min. Breaking Load (N)	Packing per Bag (Nos)
N20	20	18	4000	1000
N25	25	18	4200	700
N30	30	30	4800	550
N35	35	30	5200	500
N40	40	30	5800	300
N45	45	30	6000	300
N50	50	40	7800	200
N55	55	40	8500	200
N60	60	40	9600	150
N70	70	40	11000	150
N75	75	40	12800	100
N100	100	40	13500	50

Multi Cover Spacers

The Novacrete Advantage

Flat base of the block gives strong untilted support.



Can be used for slabs, Beam Bottom, Beam Sides or Side Walls. They are Versatile and the same product can give multiple covers.

Product Code	Cover Size (mm)	Max. Permissible Rebar Dia. (mm)	Min. Breaking Load (N)	Packing per Bag (Nos)
N2025	20	18	4000	700
	25	18	4800	
N3040	30	30	5500	300
	40	30	6800	
N3545	35	30	5800	300
	45	30	6200	



Round Spacers

The novacrete advantage

Excellent bond with concrete (same material properties as the structural concrete).



Used for vertical structural members like columns or piles.

Product Code	Cover Size (mm)	Max. Permissible Rebar Dia. (mm)	Concrete Grade	Packing per Bag (Nos)
NR25	25	10	M60	200
NR30	30	10	M25	125
NR35	35	10	M60	100
NR40	40	10	M60	100
NR50	50	12	M60	50



Heavy Duty Spacers

The novacrete advantage

They are made using high dispersing fibres for added strength under strictest quality control process.



They are used for footings and foundations, where there is heavy load of reinforcement.

Product Code	Cover Size (mm)	Max. Permissible Rebar Dia. (mm)	Minimum Breaking Load (N)	Packing per Bag (Nos)
NH50	50	40	22000	50
NH60	60	40	35000	50
NH75	75	40	39000	25



Characteristics

Characteristics	Value	Unit
Concrete Cover	20-50	mm
Loading Capacity	6000-22000	N
Compressive Strength	60	N/mm ²
Water Absorption	1.70	%
Water Penetration	19	mm
Density	2000-2100	kg/m ³
Fire grading class	F30-F180	not flammable
Permitted Tolerances	+1	mm
Permitted deformations	<1	mm
Rapid Chloride Penetration test	Very Low to Moderate	Kg/m ³
Chloride content	0.12	By mass of cement
Sulphate content	0.23%	
Alkali Aggregate Reactivity	Innocuous	



The Novacrete Advantage

- ☑ Fibre reinforced.
- ☑ Consistent strength.
- ☑ Provide specific height for steel formwork.
- ☑ Prevents sagging of rebars by providing strong support.
- ☑ Excellent bond with concrete (same material properties as the structural concrete).
- ☑ M60 grade concrete. No weak spots in the structure.
- ☑ Flat base of the block gives strong untitled support.
- ☑ Quick and easy installation.
- ☑ Holes provided for each and every block for inserting binding wire for proper tying with steel bars.
- ☑ Fire resistant.



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