



# NUVOCO ZERO M COVER BLOCKS

## PREMIUM QUALITY COVER BLOCKS

### DESCRIPTION & IMPORTANCE OF COVER BLOCKS

Cover blocks in RCC structures maintain the required gap between reinforcement and the concrete surface. This "cover" protects steel from moisture, oxygen, and chemicals—preventing corrosion and ensuring the structural integrity of the construction.

### FEATURES



Fiber Enriched Box



Uniform Shape & Size



Better Framework support



### WHY AVOID PLASTIC, SITE-MADE, OR UNBRANDED COVER BLOCKS?

Plastic cover blocks don't bond well with concrete and can accelerate corrosion. Site-made or unbranded blocks often lack uniformity in size, shape, and quality—leading to poor coverage, increased risk of steel corrosion, and compromised structural integrity.

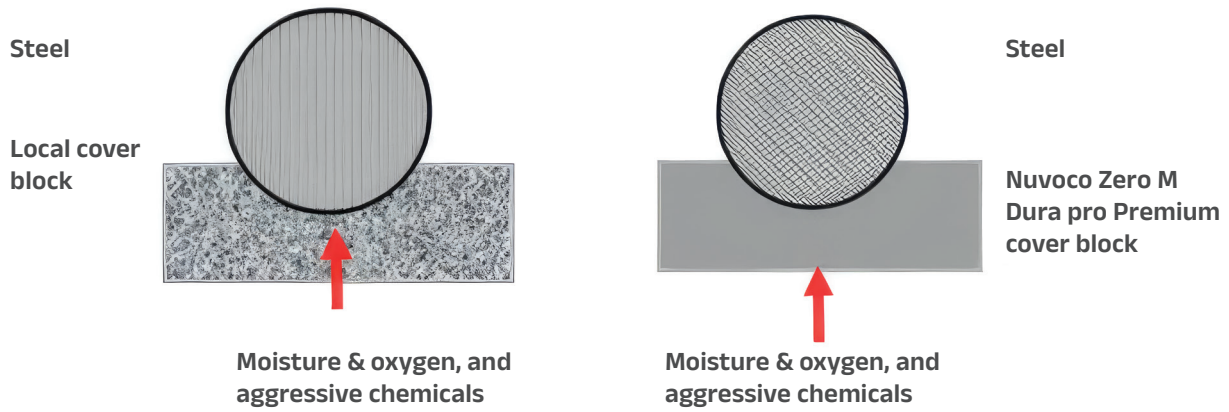
- Higher Corrosion Risk: Local M-20 grade cover blocks have high porosity and permeability due to poor engineering, making reinforcement steel more vulnerable to corrosion from moisture, oxygen, and chemicals.
- Weak Structural Integrity: Unbranded cover blocks often lack the strength to support reinforcement properly. To compensate, larger areas are used, which can compromise overall structural stability, especially under heavy loads or harsh conditions.



### WHY CHOOSE NUVOCO ZERO M COVER BLOCKS?

Standard cover blocks can allow moisture from humid air to penetrate and reach the steel reinforcement inside your concrete, leading to corrosion. **NUVOCO ZERO M COVER BLOCKS** offer superior protection. Their low porosity and permeability create a stronger barrier, ensuring your steel remains safe and durable. Nuvoco Zero M Cover Blocks ensure uniform spacing between the shuttering and TMT framework while firmly holding reinforcement in place during concreting. Their strength, consistency, and durability make them ideal for high-performance, long-lasting construction.





### Key Benefits:

- High Load-Bearing Strength: Made with M-30 grade concrete as per IS 10262:2019, offering superior strength and quality control.
- Fiber-Enriched Durability: Reinforced with premium fibers for crack resistance, reduced porosity, and enhanced protection against corrosion from moisture, oxygen, and chemicals.
- Uniform Shape & Size: Precision-engineered for consistent dimensions, ensuring a clean finish and reliable fit in structural frameworks.
- Reliable Structural Support: Designed to maintain framework stability, contributing to the long-term structural integrity of the building.

### TECHNICAL INFORMATION

S. No.	PROPERTIES	Test Method	Requirement	Zero M Cover Blocks
1	Compressive Strength	EN 12390-3	35±2	37.41
2	Water Absorption in %	BS 1881-122	<0.4	0.20
3	Rapid Chloride Penetration Test	ASTM C1202	Very Low (100-1000)	650
4	Water Penetration in mm	EN 12390-8	NA	0.55
5	Chloride Content	BS 1881 Part 124 :2015	0.12 kg/cubic meter	0.08
6	Sulphate Content	BS 1881 Part 124 :2015	0.23% by mass of cement	0.12
7	Salt Content	Lab SOP	0.003%	0.002

**AVAILABLE COLOURS** Grey & Terracotta

### PACKAGING

Type 1 (100 units/packs) – Size 20-25.

Type 2 (50 units/packs) – Size 30-35-40.

Type 3 (100 units/packs) – Size 20-25-30.

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