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PLASTIC BEAM MOULD AZA1128

The Azalab AZA1128 Polyurethane Beam Mould Series is specifically designed for casting concrete beam specimens for flexural strength testing. Manufactured from high-impact, shock-absorbing polyurethane, these moulds ensure excellent durability, dimensional accuracy, and repeatability in both laboratory and field conditions.



Key Features

High-Strength Polyurethane Construction

- Resistant to impact, wear, and environmental exposure

Extended Reusability

- Supports 30+ casting cycles with proper handling

Precision Dimensions

- Maintains consistent specimen geometry across repeated use

Smooth Internal Surface

- Enables easy, damage-free demoulding

Lightweight Design

- Easy handling for both lab and on-site applications

Vibration Resistant

- Suitable for use with vibration tables and compaction equipment

Low Maintenance

- Requires only application of release oil before casting

Standards Compliance

- IS 516
- ASTM C78
- BS 1881



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TECHNICAL SPECIFICATIONS

Parameter	Description
Material	Premium impact-resistant polyurethane
Mould Type	One-piece / Split type (model dependent)
Internal Finish	Smooth surface
Demoulding	Manual or compressed air
Reusability	30+ cycles
Leak Resistance	High resistance under vibration

MODEL AVAILABLE

Model No.	Size (L × W × H) mm	Material	Weight
AZA 1128 A	100 × 100 × 500	Polyurethane	2.5 kg
AZA 1128 B	150 × 150 × 700	Polyurethane	4.8 kg
AZA 1128 C	150 × 150 × 750	Polyurethane	5.0 kg
AZA 1128 D	150 × 150 × 600	Polyurethane	4.4 kg