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STANDARD SPATULA AZA0801

The Standard Spatula AZA0801 is a precision-engineered laboratory tool designed for mixing, transferring, scraping, and handling cementitious materials during testing procedures. It is an essential accessory in cement and mortar testing laboratories, ensuring accurate sample preparation for tests such as consistency, soundness, setting time, and strength evaluation. Built for durability and ergonomic handling, it supports repeatable and standardized testing operations.



Key Features

- Precision stainless-steel blade for accurate mixing and transfer
- Smooth, flat surface to minimize material loss
- Ergonomic wooden or polypropylene handle for comfortable grip
- Corrosion-resistant construction for long service life
- Standardized dimensions for laboratory compliance
- Lightweight and easy to handle

Applications

- Cement consistency testing (Vicat apparatus)
- Soundness testing (Le Chatelier method)
- Setting time determination
- Mortar strength testing
- General laboratory sample handling



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Working Principle

The spatula is used for manual handling and preparation of cement and mortar samples, ensuring uniformity before testing.

Typical Uses:

1. Mixing cement paste or mortar manually.
2. Transferring material into moulds or apparatus.
3. Leveling and finishing specimen surfaces.
4. Scraping excess material from equipment.

Standards & Compliance

- IS 269:2015 – Specification for Ordinary Portland Cement
- ASTM C305 – Mechanical Mixing of Hydraulic Cement Pastes and Mortars

Advantages

- Ensures accurate and consistent sample preparation
- Durable and corrosion-resistant material
- Comfortable handling for extended use
- Multi-purpose tool for various lab operations
- Easy cleaning and maintenance



TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0801
Blade Material	Stainless Steel
Handle Material	Hardwood / Polypropylene
Overall Length	200 – 250 mm (Approx.)
Blade Width	20 – 25 mm
Application	Mixing, scraping, sampling
Weight	100 – 150 g
Standards Compliance	IS 269:2015, ASTM C305
Parameter	Specification

Standard Supply

- Standard Spatula (Single Unit)
- Protective packaging