

## TECHNICAL DATA SHEET

# 100 mm Zinc-Coated Road Nail

### 1. Description

Micromax produce our 100 mm Zinc-Coated Road Nails which are high-strength fastening solution designed for securing road tubes, clamps, temporary markers, and light fixtures to asphalt, concrete, or timber surfaces. The zinc coating ensures excellent corrosion resistance for long-term outdoor performance.

### 2. Features

- **Corrosion-Resistant:** Zinc coating protects against rust and weathering.
- **High Strength:** Suitable for securing heavier or longer fixtures compared to shorter nails.
- **Quick Installation:** Designed for manual hammering or mechanical nailers.
- **Durable:** Retains mechanical integrity under outdoor conditions and traffic exposure.
- **Versatile:** Can be used in asphalt, timber, or pre-drilled concrete surfaces.

### 3. Technical Specifications

| Parameter            | Specification                               |
|----------------------|---|
| Material             | High-carbon steel                           |
| Coating              | Zinc electroplated / Galvanized             |
| Length               | 100 mm                                      |
| Shank Diameter       | 4–5 mm (typical)                            |
| Head Type            | Flat  |
| Tip Type             | Sharp point for easy penetration            |
| Corrosion Resistance | Suitable for outdoor use, moderate exposure |
| Tensile Strength     | ≥ 400 MPa (typical)                         |
| Packaging            | Boxed or bulk pack (500–1000 nails per box) |

## 4. Installation Instructions

1. Align the nail with the object to be fastened.
  2. Position on the surface (asphalt, timber, or pre-drilled concrete).
  3. Drive the nail using a hammer or mechanical nailer until fully secured.
  4. Ensure the fixture is firmly held and the nail head is flush with the surface.
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## 5. Applications

- Securing pneumatic road tubes for traffic counting systems.
  - Fixing temporary road markers, signs, or reflectors.
  - Light duty fastening in timber, asphalt, or pre-drilled concrete.
  - Construction and maintenance of temporary road installations.
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## 6. Storage & Handling

- Store in a dry environment to prevent pre-installation corrosion.
  - Handle carefully to avoid bending or damaging the nails.
  - Keep in original packaging until ready for use.
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## 7. Warranty

- 12-month warranty against manufacturing defects under normal use.