

# TECHNICAL DATA SHEET (TDS)

**Product:** Cold Asphalt

**Producer / Supplier:** ATDM

**Country of Origin:** Iran / UAE

## 1. PRODUCT DESCRIPTION

Cold asphalt is a ready-to-use bitumen–aggregate mixture designed for fast pothole repair, road patching, and maintenance work without heating. It bonds well to concrete and asphalt surfaces and is workable in all weather conditions.

## 2. TECHNICAL SPECIFICATIONS

Property	Standard	Typical Value
Bitumen Content	ASTM D5987	3–7%
Aggregate Size	ASTM D448	0–12 mm
Workability	Ambient	Excellent
Compaction	Manual or mechanical	Required
Traffic Opening	—	Immediate after compaction
Softening Point	ASTM D36	45–55°C
Density	ASTM D70	2.1–2.3 g/cm <sup>3</sup>
Stability	—	High
Shelf Life	—	6–12 months

## 3. FEATURES & BENEFITS

- Works in all weather (wet/dry/cold)
- No heating required
- Strong bonding to most surfaces
- Immediate traffic opening
- Easy application
- Long-term durability
- Suitable for small and large repairs

## 4. APPLICATION AREAS

- Pothole repair
- Road edge correction
- Parking lots
- Driveways
- Utility trench reinstatement
- Airport taxiway repairs
- Industrial yard maintenance

## 5. APPLICATION METHOD

1. Clean damaged area
2. Pour cold asphalt directly
3. Level surface slightly above the ground
4. Compact using tamper or roller
5. Open to traffic immediately

## 6. PACKAGING

- **25 kg bags**
- **500–1000 kg jumbo bags**
- **Bulk loose load**

Custom packaging available upon request.

## 7. STORAGE CONDITIONS

- Store away from direct sunlight
- Keep packaging sealed
- Do not store near strong oxidizers
- Maintain ambient temperature

## 8. QUALITY CONTROL

ATDM checks each batch for:

- Bitumen content
- Aggregate grading
- Workability
- Bonding strength
- Moisture limits

## 9. WARRANTY

ATDM guarantees product quality according to provided specifications. Performance depends on proper compaction and application.