



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 ³
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.