



Anti-Static Asphalt Mortar

Non-sparking, anti-static mortar for high-risk industrial floors

Product Description

Anti-Static Asphalt Mortar is a specialized flooring material designed for environments with strict requirements for anti-static and non-sparking performance. It integrates asphalt-based binders with conductive and wear-resistant aggregates, forming a dense, durable surface that resists static discharge, sparks, and impact. It is widely used in workshops, warehouses and industrial facilities handling flammable and explosive materials.

Key Features & Benefits

- Provides anti-static and non-sparking safety performance.
- Excellent resistance to abrasion, impact and chemical attack.
- Durable, crack-resistant and dust-free surface.
- Strong bonding with substrate; prevents delamination.
- Long service life with reduced maintenance needs.
- Applicable for both new construction and refurbishment projects.

Scope of Application

- Workshops and warehouses for flammable and explosive materials.
- Chemical plants, refineries and petrochemical facilities.
- Printing factories, textile mills and electronics plants with static-sensitive processes.
- Defense industry production lines and storage areas.
- High-risk industrial flooring requiring anti-static and non-sparking properties.

Construction Process

- Ensure concrete substrate is solid, flat, dry and free from dust, oil or laitance.
- Apply primer uniformly with brush or roller to improve adhesion.
- Spread the first layer of mortar evenly; compact and finish with trowel.
- Apply second layer after initial setting of the first; finish with steel trowel.
- Cure surface by keeping moist for at least 7 days; prevent early drying.
- Cut expansion joints according to design and fill with sealant.

Precautions

- Construction should follow strict safety measures.
- Avoid application under strong sunlight, wind or rain.
- Store materials in dry, ventilated conditions; avoid contact with moisture.
- Do not use at ambient temperature below 5 °C.

Packaging & Storage

- Supplied in 25 kg moisture-proof composite bags.
- Shelf life: 6 months in dry, ventilated storage.
- Protect from moisture and direct sunlight; reseal opened bags immediately.

Disclaimer

The information in this Technical Data Sheet is based on laboratory tests and field applications and is provided in good faith. Sino-sina Building Materials Co., Ltd. makes no warranty for results obtained under conditions beyond its control. Users should verify suitability through site trials before large-scale application.