



Jiutong® Oil-Resistant Concrete

High-strength impermeable concrete against animal, vegetable and mineral oils

Product Description

Jiutong® Oil-Resistant Concrete is a high-performance concrete developed to resist penetration of animal, vegetable and mineral oils. It uses modified cementitious binders, selected aggregates and impermeability admixtures to provide high compressive strength, impermeability, chemical resistance and durability. It is suitable for use in oil-contaminated environments where long service life and reliability are required.

Key Features & Benefits

- Resists penetration of animal, vegetable and mineral oils.
- Excellent impermeability and durability in aggressive environments.
- Compressive strength ≥ 58 MPa; flexural strength ≥ 5.5 MPa.
- Improves service life of industrial floors, foundations and oil-handling facilities.
- Easy to place and finish, similar workability to conventional concrete.

Product Parameters

Test Item	Performance Index
Compressive strength	≥ 58 MPa
Permeability depth (730 d)	1.0 – 1.6 cm
Water absorption ratio	0 – 0.019%
Flexural strength	≥ 5.5 MPa

Scope of Application

- Industrial floors requiring resistance to oil penetration.
- Oil storage tanks, transformer foundations, substations and pump stations.
- Chemical plants and metallurgical facilities requiring impermeable and durable concrete.
- Repair and strengthening of oil-contaminated concrete substrates.

Packaging & Storage

- Supplied in 25 kg moisture-proof bags.
- Shelf life: 3 months in dry, ventilated conditions.
- Store away from moisture; ensure packaging remains sealed.

Disclaimer

The information provided in this Technical Data Sheet is based on laboratory tests and field experience and is offered in good faith. Sino-sina Building Materials Co., Ltd. makes no warranty of results obtained under conditions beyond its control. Users should conduct trial mixes and confirm the suitability of the product for their specific applications.