

404 不发火细石混凝土

403不发火水泥砂浆

Non-pyrophoric fine stone soil

403 Non-refractory cement mortar



Provider of comprehensive solutions
for concrete disease control

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403 non-flammable anti-static concrete, also known as explosion-proof concrete, is a functional concrete that can withstand impact without sparking. When metal, hard stone and other objects undergo mechanical effects such as friction and impact with this type of concrete, no red burning sparks or sparks will occur, so flammable substances are not likely to cause the risk of explosion in fire. It is mostly used in oil depots, chemical plants and other buildings where fire is strictly prohibited or has certain fire protection requirements.

产品特点

Product characteristics

- Enhance the wear resistance and strength of concrete floor
- Floor friction without produce sparks
- High density and dust free
- Pre-packed products don't need to be mixed with other materials
- Integrated with the surface of fresh concrete
- Short construction period
- Durable and dense surface
- Resistant to grease and easy to clean
- Non metallic aggregates do not rust in humid environment
- Surface smoothness can be increased after continuous applying



适用范围

Scope of application

Light industry workshop, mechanical friction workshop, electronic precision instrument workshop, oil manufacturing and storage warehouse, gas manufacturing workshop, high voltage substation room, logistics warehouse, flammable goods stacking area and laboratory.

性能指标

Performance

SJ/T10694-2006 General Specification for Anti-static Testing of Electronic Product Manufacturing and Application System
Gb50209-2010 Code for Acceptance of Construction Quality of Building Ground Engineering

Testing items	Testing result	
Point to point resistance	$1 \times 10^5 \sim 1 \times 10^{10} \Omega$	1.05×10^7 1.43×10^7 3.71×10^7
Volume resistivity	$1 \times 10^5 \sim 1 \times 10^{10} \Omega$	4.06×10^7 4.11×10^7 3.39×10^7
Non sparking performance	There is no instantaneous spark in the test	There is no instantaneous spark in the test.



施工工艺

Construction process

1. During the processing of raw materials, it is necessary to prevent the introduction of other stone species and impurities.
2. An iron absorption inspection shall be conducted during construction.
3. The mix proportion of materials shall be strictly controlled, and the mixing shall be uniform and the color shall be consistent.
4. Others shall be constructed and maintained according to conventional concrete.

Packaging and storage

Packed in PP bags, 25kg / bag, and the shelf life is 3 months.

包装贮存

Packaging and storage

Packaged in composite bags, 25kg/bag, with a shelf life of 3 months. It must be stored in a dry and ventilated room, sealed in the packaging bag, and protected from moisture and freezing.