



MA403金属骨料 防静电不发火耐磨硬化剂

METAL AGGREGATE NON SPARKING
WEAR-RESISTANT FLOOR HARDENER



Provider of comprehensive solutions
for concrete disease control

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Metal aggregate non sparking wear-resistant floor hardener is an environmentally friendly high-tech high-quality cement-based product. It is a premixed powder that has been strictly quality-controlled in the factory. It can be divided into two categories: metal and metal composite according to the aggregate. It is made of high-quality cement, screened wear-resistant materials, high-quality fillers and admixtures. It is evenly sprinkled on the surface of the concrete that is about to set by dry spreading. After professional machinery and process processing, it forms a whole with the concrete floor, forming a high-performance wear-resistant floor with high density and high colorability. Due to the extremely high compressive strength and wear resistance of the surface layer, it can effectively avoid the problems of cracking, wear and dusting of traditional cement-based floors.

产品特点

Product characteristics

- Containing special metal aggregate
- Anti static and sparkless
- Wear resistance, impermeability, oil resistance, weak acid resistance and impact resistance
- Synchronous construction with concrete to save construction period

适用范围

Scope of application

It is used in petrochemical industry, medicine, military and civil explosives, refueling stations, light industrial plants, electronic workshops, heavy goods that bear heavy load, frequent friction damage, frequent grinding wheels of heavy trucks and forklifts, and long-term accumulation of heavy goods. High precision and cutting-edge technology processing and production requires dust prevention. Large machine tools and machinery equipment are heavily pressed, places requiring anti-static and sparkless and places will cause oil spill, places requiring oil resistance, skid resistance and wear resistance.



Oil manufacturing workshop



Industrial plant



Gas manufacturing workshop



Warehouse logistics

性能指标

Performance metrics

SJ/T10694-2006 Specification for Anti-static detection and Energization of Electronic Product Manufacturing and Application System
GB50209-2010 Code for Acceptance of Construction Quality of Building Ground Engineering

Serial Number	Test project name	Unit	General testing criteria and requirements	Test results	This conclusion
01	Point to point resistance	Ω	SJ/T10694-2006 1X10 ⁵ ~1X10 ¹⁰ Ω	2.33X10 ⁵	Conform
				2.31X10 ⁵	
				2.30X10 ⁵	
02	Volume resistivity	Ω	SJ/T10694-2006 1X10 ⁵ ~1X10 ⁹ Ω	2.14X10 ⁵	Conform
				2.12X10 ⁵	
				2.09X10 ⁵	
03	Non sparking performance	/	GB/50209-2010 No instantaneous sparks during the experiment	Meet the standards	Conform

施工工艺

Construction process

1. metal aggregate non sparking wear-resistant floor hardener is used after the concrete platform is leveled and the bleeding water is removed, and then the surface is processed.
 2. The construction shall be completed by professionals using mechanical trowel. In order to distribute the materials evenly, the material consumption shall be calculated and placed in an appropriate position before construction;
 3. At the initial setting stage of the concrete surface, the laitance layer on the concrete surface shall be evenly destroyed, and then the ground hardener shall be evenly distributed on the concrete surface;
 4. The wear-resistant floor hardener shall be evenly distributed twice (2/3, 1/3), and the direction of the second distribution shall be perpendicular to the first. After each distribution, the mechanical trowel with disc shall be carried out, and the mechanical trowel shall be carried out in a crisscross manner; In next operation, mechanical troweling without disc shall be carried out at least three times according to the hardening of concrete. The change of mechanical trowel speed and iron plate angle shall be adjusted according to the hardening of concrete platform, and the troweling operation shall be carried out until the surface of platform is finished.
- Packaging and storage Packed in PP bags, with a net weight of 25kg / bag and a shelf life of 6 months; It must be stored in a dry and ventilated room, and the packaging bag shall be sealed. Avoid moisture and freeze.

包装贮存

Packaging and storage

It is packaged in composite kraft paper bags, with a net weight of 25 kg/bag and a shelf life of 6 months. It must be stored in a dry and ventilated room, with the bags sealed and protected from moisture and frost.