

XD-505 IRON OXIDE/TITANIUM DIOXIDE COMPOUND PIGMENT

1. ANTI-RUST MECHANISM

After coating the surface of superfine powders and pigment with some kinds of organic accessory ingredient, then processing the high-temperature treatment, it will create a compact coat outside the surface of the pigment which will help to prevent the steel from corrosion caused by the H₂O, oxygen and other gas after making into paint, and also strengthen the adhesive force of the pigments with the steel surface, which makes it have an excellent antirust effect.

2. COMPONENT

Compound of a few metal salts and superfine compound powders whose surface has a high temperature coating process

3. PERFORMANCE

1. Compared with other antirust paints, it has an outstanding decentralization and an obvious improvement in the stability, anti-deposition and antirust property after making into paint.

2. With a good cost performance and can cut your price cost obviously compared with other traditional antirust materials.

3. An environmental and nontoxic product with no heavy metals, it can be spray painting and brush painting, so it is an easily used, ideal and brand-new antirust product.

4. Application

This product can replace the ZINC POWDER for making rich zinc priming paint partially and the mica iron oxide red, zinc oxide and zinc phosphate completely; so it is suitable for making all kinds of anti-rust and heavy duty anticorrosive paint.

5. Technical Index

Item	Index
appearance	Silver gray powder
Residues(on 400 mesh sieve) ,% ≤	2
Specific Gravity,(g/cm ³ ,27 ⁰ C)	3.0~4.0
Soluble Matter in Water,g/100g	1
Oil Absorption, g/100g ≤	10~25
Mater Volatile at 105 ⁰ C,% ≤	1
PH Value of Water Slurry	7.0~9.5
Silicate(SiO ₂),% ≥	18

6. Suggested dosages:

20%~40%

7. Method of Application

General anti-rust coatings production process

8. Packings

25kgs or 40kgs plastic bag inner and plastic woven bag outer

9. Storage

keep it in a dry and ventilated place