

XD-404 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, 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. Bright white powders with an outstanding decentralization and an obvious improvement in the stability, anti-deposition and antirust property compared with other antirust pigment after making into paint. Also it can be mixed with other pigments for making different colors of top-grade antirust priming paint as required for the bright white appearance. It has an obvious better performance than XD-303

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

3. An entirely environmental and nontoxic product with heavy metal free. Also it can be spray painting and brush painting which make it an easily used, ideal and brand-new antirust product.

4. Application

Used in water-based and oil-based coatings for making surface, priming and surface & priming mixed paints. It can replace RED LEAD, ZINC PHOSPHATE, TRI-PHOSPHATE ALUMINIUM and other conventional products for making anti-rust paints. It is used separately or mixed with others, if mixed the result will be better than use anyone alone. It is also used in common or top-grade water-based antirust coatings.

5. Technical Index

Item	Index
appearance	Bright white powder
Residues(on 400 mesh sieve) ,% ≤	1
Specific Gravity,(g/cm ³ ,27°C)	3.0~4.0
Soluble Matter in Water,g/100g	1
Oil Absorption, g/100g ≤	10~25
Mater Volatile at 105°C,% ≤	1
PH Value of Water Slurry	7.0~9.5
Silicate(SiO ₂),% ≥	13

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