

XD-303 IRON OXIDE/TITANIUM DIOXIDE COMPOUND PIGMENT

1. ANTI-RUST MECHANISM

Processed after the separation, filtration and modification treatment of many kinds of different shapes of PHOSPHATE, it comes into being the COMPOUND POLYPHOSPHATES suitable for paint with its good antirust property(Salt water resistance up to 3~4 days). In the other hand it is combined with other NANOPHASE MATERIAL to improve the adhesive force with steel surface which make it has an excellent antirust effect.

2. COMPONENT

Compounds of many kinds of different shapes of PHOSPHATE and some NANOPHASE MATERIAL.

3. PERFORMANCE

1.Light white(or little yellow) powders with an outstanding decentralization, stability and antirust property, and can be mixed with other colour pigments for making different colors of rustproof priming paint as required.

2.With a good cost performance and can cut your rustproof paints pice 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 is an easily used, ideal and bran-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, and also can be used separately or mixed with others.

5. Technical Index

Item	Index
appearance	Light white powder
Residues(on 400 mesh sieve) ,% ≤	1
Specific Gravity,(g/cm ³ ,27 ⁰ C)	3.0~4.0
Soluble Matter in Water,g/100g	1
Oil Absorption, g/100g ≤	15~30
Mater Volatile at 105 ⁰ C,% ≤	1
PH Value of Water Slurry	7.0~9.5
P ₂ O ₅ ,% ≥	12

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