

## **XD-808 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 H<sub>2</sub>O, oxygen and other gas after making into paint, also strengthen the adhesive force of the pigments with the steel surface, in the other hand the compound lead salt of the product can create a compact passive film outside the steel to perform 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 RED LEAD, 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. Compared with RED LEAD and the compound one, it greatly decreases the content of heavy metal which makes it an environmental product, also it can be spray painting and brush painting, so it is an easily used, ideal and brand-new antirust pigment.

### **4. Application**

Suitable for making water-based and oil-based coatings like surface one, priming one and surface&priming mixed paints. It can partially or totally replace the RED LEAD pigment.

### **5. Technical Index**

Item	Index
appearance	Orange Red(Yellow) powder
Residues(on 500 mesh sieve) ,% ≤	1
Specific Gravity,(g/cm <sup>3</sup> ,27°C)	3.0~4.2
Soluble Matter in Water,g/100g ≤	1
Oil Absorption, g/100g ≤	13~28
Mater Volatile at 105°C,% ≤	1
PH Value of Water Slurry	7.0~9.5
Chromate(CrO <sub>4</sub> <sup>2-</sup> )	30
Silicate(SiO <sub>2</sub> ),% ≥	8

### **6. Suggested dosages:**

20%~40%(can be mixed with RED LEAD with a 1:1,1:2 or 1:3 proportion)

### **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