



## Specification – Synox Pigment

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**Product name:** Brown 4660
 

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### General description

Chemical formula: Synthetic iron oxide  $\alpha$ -  $\text{Fe}_2\text{O}_3$  /  $\text{Fe}_3\text{O}_4$

Type: Brown iron oxide pigment

Colour index: Pigment red 101 (77491) /black 11(77499)

CAS NO.: 1309-37-1/1317-61-9 EC NO.: 215-168-2/215-277-5

Form: Powder

Hue: Brown

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### Colour difference in paints :

Mass tone  $\Delta E_{abL}$  max 1.0  
Test method: ISO787/1

Tint-tone  $\Delta E_{abL}$  max 1.0  
Test method: ISO787/16

Relative tinting strength (%) min 95 max 105  
Test method: ISO787/16

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### Colour difference in cement :

$\Delta E_{cmc}$  max 1.5  
3%Concentration in cement

Relative tinting strength (%) min 95 max 105  
3%Concentration in cement

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**Technical data**

|  |             |         |
|--|-------------|---------|
| Fe <sub>2</sub> O <sub>3</sub> content (%) | min 70      |         |
| Test method: ISO1248/8                     |             |         |
| Moisture (%)                               |             | max 1.0 |
| Test method: ISO787/2                      |             |         |
| Water soluble salts (%)                    |             | max 0.5 |
| Test method: ISO787/3                      |             |         |
| Sieve residue on 45µm mesh (%)             |             | max 0.5 |
| Test method: ISO787/7                      |             |         |
| pH value                                   | min 4.0     | max 8.0 |
| Test method: ISO787/9                      |             |         |
| Oil absorption                             | min 20      | max 40  |
| Test method: ISO787/5                      |             |         |
| Density (g/cm <sup>3</sup> )               | approx. 5.0 |         |
| Test method: ISO787/10                     |             |         |
| Apparent density (g/cm <sup>3</sup> )      | approx. 1.0 |         |
| Test method: ISO787/11                     |             |         |

**Package**

1 MT bag  
25 KG bag

The information in this article we offer in good faith, to whom were involved in for reference, research, comparison, in convenience of flexibly handle, and entirely your own responsibility. The practical applications by you are beyond our control, we won't undertake warranty and responsibility.

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