



## Specification – Synox Pigment

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**Product name:** Red 4130L

### General description

Chemical formula: Synthetic iron oxide  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>

Type: Granular red iron oxide pigment

Colour index: Pigment red 101 (77491)

CAS NO.: 1309-37-1      EC NO.: 215-168-2

Form: Granular

Hue: Bluish red

### 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

### 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 95	
Test method: ISO1248/8		
Moisture (%)		max 1.5
Test method: ISO787/2		
Water soluble salts (%)		max 1.0
Test method: ISO787/3		
pH value	min 3.5	max 8.0
Test method: ISO787/9		
Oil absorption	min 15	max 25
Test method: ISO787/5		
Apparent density (g/cm <sup>3</sup> )	approx. 1.2	
Test method: ISO787/11		
Granular size (mm)	approx. 0.7	

**Package**

1 MT bag  
25 KG bag

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