



Specification – Synox Pigment

Product name: Infiniti Red 5110

General description

Chemical formula: Iron oxide α - Fe₂O₃

Type: Red iron oxide pigment

Colour index: Pigment red 101 (77491)

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

Form: Powder

Hue: Yellowish red

Colour difference in paints :

Mass tone	ΔE_{abL}	max 1.0
Test method: ISO787/1		
Tint-tone	ΔE_{abL}	max 1.0
Test method: ISO787/16		
Relative tinting strength (%)	min 95	max 105
Test method: ISO787/16		

Colour difference in cement :

ΔE_{cmc}		max 1.5
3%Concentration in cement		
Relative tinting strength (%)	min 95	max 105
3%Concentration in cement		



Technical data

Fe ₂ O ₃ content (%)	min 80	
<u>Test method: ISO1248/8</u>		
Moisture (%)		max 1.0
<u>Test method: ISO787/2</u>		
Water soluble salts (%)		max 0.5
<u>Test method: ISO787/3</u>		
Sieve residue on 45µm mesh (%)		max 1.0
<u>Test method: ISO787/7</u>		
pH value	min 3.5	max 8.0
<u>Test method: ISO787/9</u>		
Oil absorption	min 15	max 25
<u>Test method: ISO787/5</u>		
Apparent density (g/cm ³)	approx. 1.0	
<u>Test method: ISO787/11</u>		

Package

- 1 MT bag
- 25 KG bag

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