

IN2-CONCRETE

IN2-PIGMENT



PRODUCT DESCRIPTION

IRON OXIDE PIGMENTS FOR COLOURED CONCRETE

High quality synthetic iron oxide pigments for a broad range of applications, including coloured concrete, colouring two component epoxy glue, etc.

They have reliable performance properties which offer outstanding light fastness, opacity, chemical resistance, heat stability, exterior durability and compatibility.



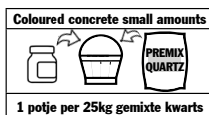
ADVANTAGES IN2-PIGMENT

- + UV-Resistant
- + Heat stability
- + Chemical resistance
- + Exterior durability and compatibility



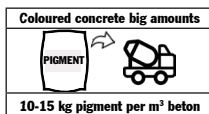
HOW TO USE

Small amounts of coloured concrete: Mix the pigments beforehand with the dry quartz in a mixing bowl or wheelbarrel.



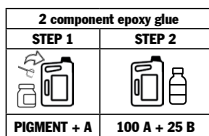
1 potje per 25kg gemixte kwarts

For large amounts of coloured concrete: Add the pigments immediately to the concrete mixer



10-15 kg pigment per m³ beton

For colouring IN2-FILL-Joints (2-component epoxy glue): Mix the pigment with A component. Add the mixture to the B component.



PIGMENT + A 100 A + 25 B



SPECIAL CONSIDERATIONS

- Do not let this product enter waste water, sewers, pits or basement.
- Store in original, labeled packaging.
- Provide a washing facilities on the site

STANDARD COLOURS AND ARTICLE CODES

EXTRA BLACK	IN2P-XBLACK-330 (pot 330 gr) IN2P-XBLACK-010 (bucket 10kg) IN2P-XBLACK-B010 (bulk bag 10kg, min. 100 kg)
BLACK	IN2P-BLACK-330 (pot 330 gram) IN2P-BLACK-010 (bucket 10kg) IN2P-BLACK-B010 (bulk bag 10kg, min. 100 kg)
WHITE	IN2P-WHITE-330 (pot 330 gram) IN2P-WHITE-010 (bucket 10kg) IN2P-WHITE-B010 (bulk bag 10kg, min. 100kg)
GREEN	IN2P-GREEN-330 (pot 330 gram) IN2P-GREEN-010 (bucket 10kg) IN2P-GREEN-B010 (bulk bag 10kg, min. 100kg)
RED	IN2P-RED-330 (pot 330 gram) IN2P-RED-010 (bucket 10kg) IN2P-RED-B010 (bulk bag 10kg, min. 100kg)
GREY	IN2P-GREY-330 (pot 330 gram) IN2P-GREY-010 (bucket 10kg) IN2P-GREY-B010 (bulk bag 10kg, min. 100kg)
ANTHRACITE	IN2P-ANTHRACITE-330 (pot 330 gram) IN2P-ANTHRACITE-010 (bucket 10kg) IN2P-ANTHRACITE-B010 (bulk bag 10kg, min. 100kg)



HEALTH AND PROTECTION

Safety is not expensive, it's priceless! Always work safe.



- Stains easily. Always wear gloves and protective clothing.
- Avoid contact with eyes, skin and clothes.
- When feeling unwell, experiencing skin irritation or irritation of eyes or respiratory tracts, consult a doctor.
- Consult the MSDS sheet for detailed information.



TECHNICAL SUPPORT

Technical questions? Contact your dealer.

Dealer

IN2-CONCRETE

info@in2-concrete.com



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WWW.IN2-CONCRETE.COM

- Order online
- PDS
- MSDS
- Application video

PDS IN2-PIGMENT - last edited 24/10/2019

IN2-PIGMENT

IN2-PIGMENT BLACK	
Chemical formule	Fe ₃ O ₄ (80-100%) - BS1014
ph	3,0 - 8,0 - ISO787-9
Moisture and other volatile matter (at 105 °C)	≤ 1,0% - ISO787-2
Oil absorption	± 20-25g / 100g - ISO 787-5
Loss of ignition (at 1000 °C)	≤ 5,0% - ISO787-17
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO7724-3
Density	4,5-4,7 g/cm ³ - ISO787-10
Tinting strength vs standard	100% +/- 2,5% - ISO8781-1
Colour difference vs. standard	ISO7724-3
dE	0,75
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50

IN2-PIGMENT WHITE	
Chemische formule	Titanium dioxide TiO ₂ (98%) - BS1014
ph	6,0 - 8,0 - ISO 787-9
Moisture and other volatile matter (at 105 °C)	≤ 1,0 - ISO787-2
Oil absorption	± 20-30g / 100g - ISO 787-5
Lightning power	≥ 98% - ISO787-17
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO787-3
Colour difference vs. standard dE	0,75 - ISO7724-3

IN2-PIGMENT GREEN	
Chemische formule	Chromium oxide (Cr2O3) (≥ 98%) - ISO4621
ph	6,0 - 8,0 - ISO 787-9
Moisture and other volatile matter (at 105 °C)	≤ 1,0% - ISO787-2
Oil absorption	± 15-20g / 100g - ISO 787-5
Loss of ignition (at 1000 °C)	0,1-0,6% - DIN55913
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO787-3
Tinting strength vs standard	100% +/- 2,5% - ISO8781-1
Colour difference vs. standard	ISO7724-3
dE	0,75 - ISO7724-3
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50

IN2-PIGMENT EXTRA BLACK	
Chemical formule	Fe ₃ O ₄ (25-99%) - DIN55913/2
Carbon	1-75%
ph	6,0 - 8,0 - ISO787-9
Moisture and other volatile matter (at 105 °C)	≤ 3,0% - ISO787-2
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO7724-3
Tinting strength vs standard	100% +/- 2,5% - ISO8781-1
Colour difference vs. standard	ISO7724-2
dE	0,75
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50

IN2-PIGMENT GREY	
Chemical formule	Fe ₃ O ₄ (9-19%) - GB1863-89 TiO ₂ (51-56%) - GB/T 6775586 CaCO ₃
ph	7,0 - 9,0 - ISO787-9
Moisture and other volatile matter (at 105 °C)	≤ 1,0% - ISO787-2
Oil absorption	± 15-25g / 100g - ISO 787-5
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO787-3
Tamped density	0,8 g/cm ³ - ISO787-11
Density	3,5 g/cm ³ - ISO787-10
Average particle size	0,53 d50 from particle size distribution
Particle shape	irregular
Tinting strength vs standard	100% +/- 2,5% - ISO8781-1
Colour difference vs. standard	ISO7724-2
dE	0,75
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50

IN2-PIGMENT

IN2-PIGMENT RED	
Chemical formule	Fe ₂ O ₃ (80-100%) - BS1014
ph	3,0 - 8,0 - ISO 787-9
Moisture and other volatile matter (at 105° C)	≤ 1,0% - ISO787-2
Oil absorption	18-25g / 100g - ISO787-5
Loss of ignition (at 1000° C)	≤ 4,0% - DIN55913
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO787-7
Particle shape	Spherical
Tinting strength vs standard	100% +/- 5,0% - ISO7724-2
Colour difference vs. standard	ISO7724-2
dE	0,75
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50

IN2-PIGMENT ORANGE	
Chemical formule	Fe ₂ O ₃ (80-92%) - BS1014
ph	3,0 - 8,0 - ISO 787-9
Moisture and other volatile matter (at 105° C)	≤ 1,0% - ISO787-2
Absorptie olie	30-35g / 100g - ISO787-5
Loss of ignition (at 1000° C)	≤ 10,0% - DIN55913
Sieve residue 45 micron mesh	≤ 0,5% - ISO787-7
Water soluble salt	≤ 0,5% - ISO787-7
Particle shape	irregular
Tinting strength vs standard	100% +/- 2,5% - ISO7724-2
Colour difference vs. standard	ISO7724-2
dE	0,75
dL	+/- 0,60
da	+/- 0,50
db	+/- 0,50