

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/17/2017

Nº 290411-01

1. Name and identification code:

MICRONOX®R01

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 29/04/2011

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	$\geq 76 \% \text{Fe}_2\text{O}_3$	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	$\leq 8 \% \text{wt \%}$	EN 12878:2005
Dangerous substances	Quartz ($\leq 5\%$)-CAS 14808-60-7	EN 12878:2005

The performance of the product identified in point 1 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 290411-02

1. Name and identification code:

MICRONOX®R02

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 29/04/2011

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	$\geq 76 \% \text{Fe}_2\text{O}_3$	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	$\leq 8 \% \text{wt } \%$	EN 12878:2005
Dangerous substances	Quartz ($\leq 5\%$)-CAS 14808-60-7	EN 12878:2005

The performance of the product identified in point 1 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-01

1. Name and identification code:

MICRONOX®R03

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	87 (±1.5) Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤6 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤3%)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-02

1. Name and identification code:

MICRONOX®R04

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (España)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assesment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	92 (±1.5) Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤4 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 2 %)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-03

1. Name and identification code:

MICRONOX®R05

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	83 (±1.5) Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤8 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 4 %)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3st, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-04

1. Name and identification code:

MICRONOX®R06

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	82 (±1.5) Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤8 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 4 %)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-04

1. Name and identification code:

MICRONOX®TP 303

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	82 (±1.5) Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤8 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 4 %)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-05

1. Name and identification code:

TP300®

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	>98% Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 1,0 % wt %	EN 12878:2005
Soluble chloride	< 0,50% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤2 % wt %	EN 12878:2005
Dangerous substances	NPD	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-05

1. Name and identification code:

PROMIFER®

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	>98% Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 1,0 % wt %	EN 12878:2005
Soluble chloride	< 0,50% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤2 % wt %	EN 12878:2005
Dangerous substances	NPD	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 1.1 Revision date: 15/10/2021

Nº 151021-1

1. Name and identification code:

MICRONOX®R13

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.
50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t. > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	>95% Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤4 % wt %	EN 12878:2005
Dangerous substances	NDP	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.

Signature



PROMINDSA

Zaragoza, October 15th, 2021

Place and date of issue

DECLARATION OF PERFORMANCE

Version 3.1 Revision date: 03/07/2017

Nº 191013-06

1. Name and identification code:

MICRONOX®Y01

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 10%	EN 12878:2005
Composition of the pigment	≥ 86 % Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 1,0% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤13 % wt %	EN 12878:2005
Dangerous substances	NDP	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 3.1 Revision date: 15/10/2021

Nº 191013-07

1. Name and identification code:

MICRONOX®Y02

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t. > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	>84 % FeOOH	EN 12878:2005
Water soluble substances	< 0,5 % wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤14 % wt %	EN 12878:2005
Dangerous substances	NDP	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.

Signature

The image shows a blue ink signature over the company name 'PROMINDSA'. The signature is stylized, with a long horizontal stroke and a loop at the end. The company name is in a bold, blue, sans-serif font.

Zaragoza, October 15th 2021

Place and date of issue

DECLARACION DE PRESTACIONES

Versión 3.1 Fecha de revisión 15/10/2021

Nº 191013-10

1. Nombre y código de identificación:

MICRONOX®BK01

2. Nombre y dirección del fabricante:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (España)

3. Uso previsto:

Pigmento para ser usado en aplicaciones con hormigón, mortero y lechada

4. Sistema de evaluación y verificación de la constancia de prestaciones:

Sistema 2+

5. Organismo notificado:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluación del control de la producción en fábrica

Sistema 2+

Certificado de control de producción en fábrica, 19/10/2013

6. Prestaciones declaradas:

Categoría B

Características esenciales	Prestaciones	Especificaciones técnicas armonizadas
Tiempo de fraguado (5% pigmento)	T .f. inicial > 60 min T .f. final < 720 min Difer. T.f. inicial < 60 min	EN 12878:2005
Resistencia a la compresión (5% pigmento)	Difer. Mezcla sin pigmento < 8%	EN 12878:2005
Composición del pigmento	>97 % Fe ₃ O ₄	EN 12878:2005
Sustancias solubles en agua	< 0,5% en peso	EN 12878:2005
Cloruro soluble	< 0,1% en peso	EN 12878:2005
Cloro total	< 0,1% en peso	EN 12878:2005
Perdida por ignición	≤1% en peso	EN 12878:2005
Sustancias peligrosas	PND	EN 12878:2005

·Las prestaciones del producto identificado en el punto 1 son conformes con las declaradas en el punto 6

·La presente declaración de prestaciones se emite bajo la única responsabilidad del fabricante indicado en el punto 2.

Firma
 PROMINDSA

Zaragoza, a 15 de Octubre de 2021

Lugar y fecha de emisión

DECLARATION OF PERFORMANCE

Version 3.1 Revision date: 03/17/2017

Nº 191013-11

1. Name and identification code:

MICRONOX®BK02

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assesment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment):	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	≥ 90 % Fe ₃ O ₄	EN 12878:2005
Water soluble substances	< 1.0 % wt %	EN 12878:2005
Soluble chloride	< 0,3% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤ 6 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 2%)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 3.1 Revision date: 10/15/2021

Nº 191013-12

1. Name and identification code:

MICRONOX®BK03

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t. > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	> 88 % Fe ₃ O ₄	EN 12878:2005
Water soluble substances	< 0.5 % wt	EN 12878:2005
Soluble chloride	< 0.3% wt	EN 12878:2005
Total chlorine	< 0.1% wt	EN 12878:2005
Loss on ignition	≤ 5 % wt	EN 12878:2005
Dangerous substances	NDP	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.

Signature



PROMINDSA

Zaragoza, October 15th, 2021

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/17/2017

Nº 191013-13

1. Name and identification code:

MICRONOX®BR01

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	85 (± 1.5) Fe ₂ O ₃ + Fe ₃ O ₄	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤ 6 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 3 %)-CAS 14808-60-7	EN 12878:2005

The performance of the product identified in point 1 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 191013-14

1. Name and identification code:

MICRONOX®BR02

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

B category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	88 (±1.5) Fe ₂ O ₃ + Fe ₃ O ₄	EN 12878:2005
Water soluble substances	< 0,5% wt %	EN 12878:2005
Soluble chloride	< 0,1% wt %	EN 12878:2005
Total chlorine	< 0,1% wt %	EN 12878:2005
Loss on ignition	≤5 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 3%)-CAS 14808-60-7	EN 12878:2005

·The performance of the product identified in point 1 is in conformity with the declared performance in point 6

·This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2013

Place and date of issue

DECLARATION OF PERFORMANCE

Version 2.1 Revision date: 03/07/2017

Nº 271015-01

1. Name and identification code:

MICRONOX®MARIGOLD01

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 28/10/2015

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t. > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 8%	EN 12878:2005
Composition of the pigment	89.5 (±1.5) % Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 0,5 % wt %	EN 12878:2005
Soluble chloride	< 0,1 % wt %	EN 12878:2005
Total chlorine	< 0,1 % wt %	EN 12878:2005
Loss on ignition	≤ 10 % wt %	EN 12878:2005
Dangerous substances	PND	EN 12878:2005

The performance of the product identified in point 1 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue

DECLARATION OF PERFORMANCE

Version 3.1 Revision date: 03/07/2017

Nº 191013-09

1. Name and identification code:

MICRONOX®MARIGOLD02

2. Name and contact address of the manufacturer:

PROMINDSA

Plataforma Logística Zaragoza (PLA-ZA), C/Messina, 5.

50197, Zaragoza (Spain)

3. Intended use:

Pigment for use in applications with concrete, mortar and grout.

4. System of assessment and verification of constancy of performance:

System 2+

5. Assessment body:

TECNALIA R&I CERTIFICACIÓN, S. L. 1239

Evaluation of factory production control

System 2+

Certificate of factory production control, 19/10/2013

6. Declared performance:

A category

Essential characteristics	Performance	Harmonised technical specification
Setting time (5 wt. % pigment)	Initial s. t > 60 min Final s. t. < 720 min Initial s. t. differ. < 60 min	EN 12878:2005
Compressive strength (5 wt. % pigment)	Differ. Vs Mixture without pigment < 10%	EN 12878:2005
Composition of the pigment	79 (±1.5) % Fe ₂ O ₃	EN 12878:2005
Water soluble substances	< 1,0 % wt %	EN 12878:2005
Soluble chloride	< 0,5 % wt %	EN 12878:2005
Total chlorine	< 0,1 % wt %	EN 12878:2005
Loss on ignition	≤12 % wt %	EN 12878:2005
Dangerous substances	Quartz (≤ 3%)-CAS 14808-60-7	EN 12878:2005

The performance of the product identified in point 1 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.



Signature

Zaragoza, July 3th, 2017

Place and date of issue