

# Declaration of performance nº 19-01

## 1.- Product name:

TN20C

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According EN 1090-2
Steel plate soldability	Grade JR, according to EN 10025-2
Rebar soldability	Grade S according to UNE 36068
Fracture toughness	27 J at 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to the concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Nut material	/8/ According to DIN, UNE EN ISO 898-2
Corrugated bar	B500C according to EN 1992-1-1
Sizing	According to ETA 25/0122
Type of execution	EXC3, according to EN 1090-2
Fire resistance	According to ETA 25/0122
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to ETA 25/0122
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011



The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 18th of February 2025

Edition: 003

# Declaration of performance nº 19-02

## 1.- Product name:

TN24C

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According EN 1090-2
Steel plate soldability	Grade JR, according to EN 10025-2
Rebar soldability	Grade S according to UNE 36068
Fracture toughness	27 J at 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to the concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Nut material	/8/ According to DIN, UNE EN ISO 898-2
Corrugated bar	B500C according to EN 1992-1-1
Sizing	According to ETA 25/0122
Type of execution	EXC3, according to EN 1090-2
Fire resistance	According to ETA 25/0122
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to ETA 25/0122
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011



The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 18th of February 2025

Edition: 003

# Declaration of performance nº 19-03

## 1.- Product name:

TN30C

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According EN 1090-2
Steel plate soldability	Grade JR, according to EN 10025-2
Rebar soldability	Grade S according to UNE 36068
Fracture toughness	27 J at 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to the concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Nut material	/8/ According to DIN, UNE EN ISO 898-2
Corrugated bar	B500C according to EN 1992-1-1
Sizing	According to ETA 25/0122
Type of execution	EXC3, according to EN 1090-2
Fire resistance	According to ETA 25/0122
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to ETA 25/0122
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011



The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 18th of February 2025

Edition: 003

# Declaration of performance nº 19-05

## 1.- Product name:

TN36C

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According EN 1090-2
Steel plate soldability	Grade JR, according to EN 10025-2
Rebar soldability	Grade S according to UNE 36068
Fracture toughness	27 J at 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to the concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Nut material	/8/ According to DIN, UNE EN ISO 898-2
Corrugated bar	B500B according to EN 1992-1-1
Sizing	According to ETA 25/0122
Type of execution	EXC3, according to EN 1090-2
Fire resistance	According to ETA 25/0122
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to ETA 25/0122
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011



The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 18th of February 2025

Edition: 001

# Declaration of performance nº 19-04

## 1.- Product name:

TN39C

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According EN 1090-2
Steel plate soldability	Grade JR, according to EN 10025-2
Rebar soldability	Grade S according to UNE 36068
Fracture toughness	27 J at 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to the concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Nut material	/8/ According to DIN, UNE EN ISO 898-2
Corrugated bar	B500B according to EN 1992-1-1
Sizing	According to ETA 25/0122
Type of execution	EXC3, according to EN 1090-2
Fire resistance	According to ETA 25/0122
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to ETA 25/0122
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011



The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 18th of February 2025

Edition: 003

# Declaration of performance 21-01

## 1.- Product name:

TN20L

## 2.- Name and address of the manufacturer

NOXIFER S.L.  
Ctra de Sarral a Barberà, parcel·la 21  
43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370  
Factory Production Control Evaluation: System 2+  
Factory production control certificate 0370 - CPR - 1685  
of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According to EN 1090-2
Steel plate weldability	JR grade according to UNE 10025-2
Rebar weldability	C grade according to UNE 36068
Fracture toughness	27 J a 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Corrugated bar	B500C according to UNE 36068
Nut material	/8/ according to DIN, UNE EN ISO 898-2
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	No performance determined (Outer element)
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to EN 1993-1
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011

The benefits of the product identified in point 1 are in accordance with those declared in point 6  
This declaration of performance is issued under the sole responsibility of the manufacturer indicated in point 2

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 5th of March 2025

Edition: 002



# Declaration of performance 21-02

## 1.- Product name:

TN24L

## 2.- Name and address of the manufacturer

NOXIFER S.L.  
Ctra de Sarral a Barberà, parcel·la 21  
43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370  
Factory Production Control Evaluation: System 2+  
Factory production control certificate 0370 - CPR - 1685  
of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According to EN 1090-2
Steel plate weldability	JR grade according to UNE 10025-2
Rebar weldability	C grade according to UNE 36068
Fracture toughness	27 J a 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Corrugated bar	B500C according to UNE 36068
Nut material	/8/ according to DIN, UNE EN ISO 898-2
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	No performance determined (Outer element)
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to EN 1993-1
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011

The benefits of the product identified in point 1 are in accordance with those declared in point 6  
This declaration of performance is issued under the sole responsibility of the manufacturer indicated in point 2

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 5th of March 2025

Edition: 002



# Declaration of performance 21-03

## 1.- Product name:

TN30L

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According to EN 1090-2
Steel plate weldability	JR grade according to UNE 10025-2
Rebar weldability	C grade according to UNE 36068
Fracture toughness	27 J a 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Corrugated bar	B500C according to UNE 36068
Nut material	/8/ according to DIN, UNE EN ISO 898-2
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	No performance determined (Outer element)
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to EN 1993-1
Manufacturing	According to EN 1090-2

## Technical specifications

EN-1090-1:2009+A1:2011

The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 5th of March 2025

Edition: 002



# Declaration of performance 21-05

## 1.- Product name:

TN36L

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According to EN 1090-2
Steel plate weldability	JR grade according to UNE 10025-2
Rebar weldability	B grade according to UNE 36068
Fracture toughness	27 J a 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Corrugated bar	B500B according to UNE 36068
Nut material	/8/ according to DIN, UNE EN ISO 898-2
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	No performance determined (Outer element)
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to EN 1993-1
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011

The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 05th of March 2025

Edition: 001



# Declaration of performance 21-04

## 1.- Product name:

TN39L

## 2.- Name and address of the manufacturer

NOXIFER S.L.

Ctra de Sarral a Barberà, parcel·la 21

43424 - SARRAL (Tarragona) - España

## 3.- Expected use:

Steel structural component

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

2+

## 5.- Notified body:

APPLUS nº 0370

Factory Production Control Evaluation: System 2+

Factory production control certificate 0370 - CPR - 1685

of 7th of march 2014

## 6.- Performance features

Essential features	Performances
Geometric Tolerances	According to EN 1090-2
Steel plate weldability	JR grade according to UNE 10025-2
Rebar weldability	B grade according to UNE 36068
Fracture toughness	27 J a 20° C, according to EN 1993-1-10
Reaction to fire	Classified material: Class A1
Cadmium emission	NO EMISSIONS
Radioactivity emission	NO EMISSIONS
Durability	According to concrete cover

Structural features	Performances
Sheet material	S275 according to EN 10025-2
Corrugated bar	B500B according to UNE 36068
Nut material	/8/ according to DIN, UNE EN ISO 898-2
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	No performance determined (Outer element)
Fatigue resistance	No performance determined (Static loads)
Bearing capacity	According to EN 1993-1
Manufacturing	According to EN 1090-2

### Technical specifications

EN-1090-1:2009+A1:2011

The benefits of the product identified in point 1 are in accordance with those declared in point 6

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

Signed for and on behalf of the manufacturer by: Josep Rull, Managing Director

Sarral 5th of March 2025

Edition: 002

