

# 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 to EN-1090-2
Steel sheet weldability	Grade JR according to EN 10025-2
Rebar weldability	Grade S according to UNE 36068
Fracture toughness	27J 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	NPD

Structural features	Performances
Base material (steel sheet 6mm)	S275JR according to EN 10025-2
Screw material	According to DIN, UNE EN ISO 898-1
Rebar material	B500SD according to UNE 36068
Sizing	According to EN 1993-1
Type of execution	EXC3, according to EN 1090-2
Fire resistance	NPD (Outer element)
Fatigue resistance	NPD (Static loads)
Bearing capacity	Characteristic values of actions
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 30th of August 2022

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