

Declaration of performance nº 20-01

1.- Product name:

AR20

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	S355J2 + N according to EN 10025-2
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

Edition: 001