

STATEMENT OF TECHNICAL REQUIREMENTS

Update of 28/09/2023

Definition:	Ballasts in precast unreinforced concrete. (The iron rebar inside the ballast increases the mechanic flexibility)
Product:	Sun Ballast (Patented System).

Basic Srl, in the person of its legal representative, declares that the production complies with the UNI EN 206 and UNI 11104 standards, the instructions and procedures of the quality management system according to the UNI EN ISO 9001:2015 standard with TUV certification.

Any modification to the product covered by this statement made without the authorization of the manufacturer shall render this declaration of technical conformity null and void.

Below are the technical characteristics of the product.

Technical characteristics

- Exposure Class: XC4;
- Strength Class: C32/40;
- Minimum Cement Content : 340 kg/m³;
- Class of Fire Resistance: Class 0 (Italian class) A1 (European class with ref. UNI EN 13501-1:2019);
- Maximum Depth of H₂O Penetration under the Pressure 500 kPa: 15 mm;
- Medium Depth of H₂O Penetration under the Pressure 500 kPa: 10 mm;
- Weight tolerance: ±5%;
- Determination of tear force/tightness (pullout) of M8 threaded insert embedded in CLS element for direct traction of M8 threaded bar screwed into it.

Result of the tensile test with load 15KN (1530 kg):

- No slipping of the threaded insert;
- Breakage of the threaded rod.

Poviglio (RE) Italy, 07/01/2020

The legal representative
Maurizio Iannuzzi

