

## DECLARATION OF PERFORMANCE

ALUSPHERE/CE/002

- I. Unique identification code of the product-type:

**Alusphere®**

- II. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**Aluminium dome Alusphere®**

- III. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufactures:

**Aluminium structures under predominantly static loads**

- IV. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):

**JSF OIL & WATER S.A**  
**Certificate N° 0099/CPR/A81/0300**  
First issued on: 2018-10-31  
C/Murillo 7, bloque 14 bajo dcha.  
28223 Pozuelo de Alarcón (Madrid)  
E-mail: info@aluroofs.com

- V. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

- VI. System or systems of assessment and verification of constancy of performance of the construction products set out in Annex V:

**System +2**

- VII. In case of the declaration of performance concerning a construction product covered by harmonised standard:

**The notified body AENOR with identification number 0099 has performed the initial inspection of the manufacturing plant and of factory production control and has issued the certificate of conformity of the factory production control. This certificate attests that all provisions under system 2+ concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonized standard EN 1090-1:2009+A1:2011 are applied and that the factory production control fulfils all the prescribed requirements.**

- VIII. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable**

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### IX. DECLARATED PERFORMANCE

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Tolerances on dimensions and shape	EN 1090-3	EN 1090-1
Weldability	Not Welded Structure. AW6000 series/ AW3000 series in accordance with EN 1011-4 and EN 1999-1-1	
Fracture toughness	Only applies to steel	
Impact resistance	Only applies to steel	
Load-bearing capacity	Calculation in accordance with EN1999-1. See Project instructions and associated design calculations.	
Service limit state (SLS)	Within the limits required for the deformations specified in the standard EN1999-1	
Fatigue strength	Structure Not Subjected to Fatigue	
Resistance to fire	NPD	
Reaction to fire	Class A1 (aluminium only )	
Release of cadmium and its compounds	Meets requirements	
Emission of radioactivity		
Durability	Class B (EN 1999-1)	

X. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Juan Carlos Robles Garcia.  
Quality Manager

In Madrid, 31st of July of 2023