



POLITECNICO
MILANO 1863

Laboratorio Prove Materiali - NB 1777 CPR



PRD N° 0317

Notified Body 1777 – CPR

CERTIFICATE OF CONSTANCY OF PERFORMANCE
1777 - CPR – 16.01

In compliance with Regulation (UE) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

TETRON pot bearings

ALGAPOT pot bearings

to use in building and civil engineering works where requirements on individual bearings are critical,

placed on the market under the name or trade mark of

FREYSSINET INTERNATIONAL & CIE
280 Avenue N. Bonaparte Cs 60002
92506 Rueil Malmaison Cedex - France

and produced in the manufacturing plants

FPC ITALIA SpA - Via per Lungavilla 43, 27054 Montebello della
Battaglia PV – Italy

CAVE Srl - Via Alessandria, 1, 20010 Canegrate MI – Italy

METABET CF SA – Strada Tudor Vladimirescu, 115 Judet Arges -
Pitesti 110005 – Romania

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

hEN 1337-5:2005

under AVCP System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 8 July 2016 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The main characteristics of the product and the specific manufacturing sites are reported in the Annex to this certificate.

The present Certificate cancels and replaces the previous revision no. 2 dated 21 September 2020.

Milan, 18 December 2023

Revision no. 3

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Prof. Ing. Carlo Poggi
Head of Certification Body



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**Annex to Certificate of Constancy of Performance
no. 1777 – CPR – 16.01**

**Freyssinet pot bearings product family
TETRON pot bearings
ALGAPOT pot bearings
with elastomeric pad of compound 195020,
and internal brass seal, or internal carbon filled PTFE seal,
or internal stainless steel seal**

Description of the product

Fixed bearings, guided and free sliding bearings, types 2.1, 2.2 and 2.3 in accordance with EN 1337-1, with diameter of the elastomeric pad less than or equal to 1500 mm and accumulated sliding path of 1000 m (internal brass seal) / 2000 m (internal carbon filled PTFE seals / 500 m (internal stainless steel seals), for minimum operating temperature of -35° C as sliding bearings and -40° C as fixed bearing, for use in building and civil engineering works where requirements on individual bearings are critical.

Design of bearings carried out by:

FPC ITALIA Spa, Milano - Italy

Metallic parts produced and machining and assembly carried out in the factories of:

CAVE Srl, Canegrate – Italy or

METABET CF SA, Pitesti – Romania

Elastomeric pad of compound 195020 produced in the factory of:

RONERA RUBBER SA, Bascov – Romania

Corrosion protection system applied in the factories of:

CAVE Srl, Canegrate – Italy or

METABET CF SA, Pitesti – Romania or

METALSYSTEM Srl, Gavirate - Italy



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Type, identification and use

TETRON and ALGAPOT pot bearings are evaluated on the basis of the results reported below

<i>Factors of Restoring Moment</i>	
F_0	0.714×10^{-2}
F_1	0.946
F_2	0.888

according to Test Report no. 2007/1744

Milan, 16 February 2024

Prof. Ing. Carlo Poggi
Head of Certification Body

**The present Annex is only valid together with the
Certificate of Constancy of Performance no. 1777 – CPR – 16.01
rev. 3 dated 18 December 2023**

**The present Annex cancels and replaces the previous
Annex rev. 3 dated 18 December 2023**