



DECLARATION DES PERFORMANCES

(conformément au règlement UE n° 305/2014)

N° BI010A v3



1.- Unique identification code of the product type

BI80100 (Underground hydrant buried PAM DN80-100 PFA16 bar according to EN 14339:2006 Standard)

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

DN / Non frozen	Lenght to cover / Box type	Type of outlets
DN80 non frozen	Lc from 0,5 to 0,75 m with box straight	NBN, DIN , thread 2 ½ or bayonet UNI
DN80 frozen	Without Lc and box 90° (BC)	NBN, thread 2 ½ or UNE
DN100 non frozen	Lc = 1 m with box straight (BD)	Keyser 4'' or symetric 4'' «Selecta 3D» box regulated fitted Keyser 4'', SYM 4''
DN100 non frozen	Lc = 1 m with box 90° (BC)	BS 4'' « 2095 »
DN100 frozen	Without Lc with box 90° (BC)	Keyser 4'', Bomberos or UNE
DN100 frozen	Without Lc with box 90° (BC)	BS 4''

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Manufacture underground fire hydrants to be mounted in the public and private network to fire network according to the standard EN 14339:2006.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5)

Saint-Gobain Pam
21, avenue Camille Cavallier
54705 PONT-A-MOUSSON CEDEX
France
www.pamline.fr

5. Where applicable, name and contact address of the authorized representative whose mandate covers the task specified in Article 12 (2)

Non applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 1

7. In case of declaration or performance concerning a construction product covered by a harmonized standard

The CSTB (Notified organism N°0679) has made a determination of the product type on the basis of the test type, using the system 1. Report of the results was delivered. Tests are according to EN 1074-6: 2008 standard « Valves for water supply. Fitness for purpose requirements and appropriate verification tests. Part 6: Hydrants and underground hydrants » and EN 14339 : 2006 « Underground hydrants ».

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

Non applicable.

9. Declared performances

Technical specifications according to EN 14339:2006.

EN 14339 Article	Operational description/ Essential characteristics	Performance / standard (s)
Fiability of function		
4.2	Construction : Body	FGS EN1503.3 (GJS)
4.3	Construction : Elastomer	EPDM according to EN681.1 standard
4.4	Construction : wedge changing	Compliant : faisable in situ
4.5	Construction : Drinking Water	All components in contact with drinking water with ACS
4.11	Construction : According to handling	Compliant under requirements of the countries to EN 14339:2006 standard
4.14	Construction : emptying device	According to EN 1074-6 :2008 standard (Table 3) : Vol staying max (ml) : DN80 ≤100, DN100≤150, DN150≤200 Time to empty max (minutes) : DN80, 100 et 150 ≤ 22,5
4.7	Pressure : Hydraulic and mechanical resistance	According to EN1074-1 & 6 standards : Wedge test to 17,6 bar and body test to 25 bar
4.8	Way to closing	Compliant : Clockwise closing - CC
4.9	Number of turns to opened	Compliant : 5 < DN80 < 15 turns and 6 < DN100 < 15 turns
4.10	Resistance to efforts of handling for pillar fire hydrants	According to 14339:2005 and EN1074-6 (Table 2) : MOT DN80 < 105 Nm and DN100 < 130 Nm mST DN80 > 210 Nm and DN100 > 260 Nm
4.16	Résistance to desinfection products	According to NF EN 1074-1 standard
4.17	Resistance to not drinking water	Not concerning
4.18	Hydraulic characteristics	Kv is according to EN1074-6 and EN14339:2005 standards : Kv DN80 > 60 and Kv DN100 > 75
Dimension to network connect		
4.12	Dimension to connect fittings	Flange FGS PN16 EN1503.3 of EN1092-2 standard
4.13	Dimension to connect outlets	For each diameter and type to refer glued label in each packaging
Durability and reliability.		
4.15	Corrosion resistance	Body in DC iron with epoxy podwer 250 µm. Other components in stainless steel, brass, bronze and galvanized steel
4.7.4	Endurance test	According to 1000 cycles to NF EN1074-6 : 2008 standard
4.7.5	Endurance test to anti-turn device	Not concerning

10. Conclusion

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 under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Carlos VILLAR, Responsable Marketing RFH de SG Pam

At Pont-à-Mousson, 09th December 2016