

DECLARATION OF PERFORMANCE

according to Annex III of Construction Product Regulations (EU) No. 305/2011

DoP VH 001

1. Unique identification code of product type:
FH2-CE (DN80 - PN16 or PN25)
2. Identification of the construction product as required under Article 11(4):
Underground Fire Hydrant
3. Intended use or uses of the construction product:
Fire Fighting
4. Name, and contact address of the manufacturer as required pursuant Article 11(5):
Saint-Gobain PAM UK Limited, Stanton-by-Dale, Ilkeston, Derbyshire, DE7 4QU, England
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not 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 the declaration of performance concerning a construction product covered by a harmonised standard:
EN 14339: 2005
BSI Product Services (Notified Body Number 0086)
Performed initial type testing of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.
The notified body has issued a Certificate of Constancy of Performance (Certificate No. 0086-CPR-551050)
8. Declared performance

Essential characteristics	Harmonized technical specification	Performance
Operational reliability - construction		
Shell material	EN 14339:2005 clause 4.2	EN-GJS-500-7 in accordance with EN 1503-3
Elastomers	EN 14339:2005 clause 4.3	Conform to EN 681-1, Type WA WRAS approved
Obturator	EN 14339:2005 clause 4.4	Available in both loose and captive type
Stem Seals	EN 14339:2005 clause 4.5	Conform to BS 750:2012
Stem Drive	EN 14339:2005 clause 4.11	Pass
Drainage system remaining water / time	EN 14339:2005 clause 4.14	6 ml retained after 5 minutes 7 seconds

Essential characteristics	Harmonized technical specification	Performance
Operational reliability		
pressures	EN 14339:2005 clause 4.7	Pass
stem drive	EN 14339:2005 clause 4.11	Pass
direction of closure	EN 14339:2005 clause 4.8	Clockwise closure
number of opening turns	EN 14339:2005 clause 4.9	Start of flow – 1 turn Fully open – 8 turns
resistance of hydrant to operating loads	EN 14339:2005 clause 4.10	MOT 105Nm MST 210Nm
resistance to disinfection products	EN 14339:2005 clause 4.16	Conforms to BS EN 1074-1:2000
hydrant for non-potable water systems	EN 14339:2005 clause 4.17	Pass
hydraulic characteristics	EN 14339:2005 clause 4.18	$K_v = 96.4\text{m}^3\text{h}^{-1}$
Connection dimensioning	EN 14339:2005 clause 4.12, 4.13	Inlet flange dimensions as per EN 1092-2:1997 tables 5 and 10 The outlet conforms to BS 750:2012
Durability of operational reliability against corrosion	EN 14339:2005 clause 4.15	Blue Epoxy coating 250 micron to WIS 4-52-01 WRAS approved
Durability of operational reliability: endurance	EN 14339:2005 clause 4.7.4, 4.7.5	Pass

9. The performance of the products identified in points 1 and 2 is in conformity with the declared performance in point 8
This declaration of performance is issued under the sole responsibility of the manufacturers identified in point 4.

Signed for and on behalf of the manufacturer:

Mr Paul Minchin
Managing Director

22 December 2014