

**DECLARATION OF PERFORMANCES**  
According to annex of Regulation (UE) N° 574/2014

**DoP-INTEGRAL003EN**

1. Unique Identification Code of the product-type:

**AI001A (SAINT-GOBAIN PAM – Ductile iron pipes systems for sewerage applications) (EN598:2007+A1:2009).**

2. Identification of the construction product as required pursuant to Article 11 § 4 of the regulation (UE) N° 305/2011:

**INTEGRAL RANGE**

3. Intended (uses or) uses of the construction product:

**Sewers operating with or without pressure for conveyance of surface water, domestic wastewater.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to article 11 § 5 of the regulation (UE) N° 305/2011 :

**SAINT-GOBAIN PAM**  
**21, avenue Camille Cavallier - BP 129**  
**F-54705 PONT A MOUSSON Cedex**  
**[www.pamline.fr](http://www.pamline.fr)**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 § 2:

**Not applicable.**

6. System(s) of assessment and verification of constancy of performance of the construction product as set out in Annex V of the regulation (UE) N° 305/2011:

**Systems 4.**

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

**Not applicable.**

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

**Not applicable.**

## 9. Declared performances

In the following table, all the essential characteristics listed in the first column correspond to the ones described in the annex ZA table ZA.1 of the standard EN598:2007+A1:2009.

Essential characteristics requirement	Performances
<b>Dimension tolerances</b> <b>Internal pressure strength</b> <b>Impact resistance</b> <ul style="list-style-type: none"> <li>• Pipes</li> <li>• Fittings</li> </ul>	Comply with 420 Mpa  230 HB 250 HB
<b>Longitudinal bending strength</b> <b>Maximum load for admissible deformation</b>	Comply with Comply with
<b>Tightness : gas and liquid</b> <ul style="list-style-type: none"> <li>• Internal pressure</li> <li>• Vacuum</li> <li>• External pressure</li> <li>• Cyclic pressure</li> </ul>	2 bar (gravity) 1.5 PFA + 5 bar (pressure) -0.9 bar 2 bar 24 000 cycles
<b>Durability aspects</b>	
<u>External coatings :</u>	
<b>Pipes</b> <ul style="list-style-type: none"> <li>• Zinc</li> <li>• Zn Al alloy (Cu)</li> <li>• Polyethylene</li> <li>• Polyurethane</li> <li>• Cement mortar</li> <li>• Polyurethane foam</li> </ul>	200g/m <sup>2</sup> 400g/m <sup>2</sup> Comply with EN14 628 Comply with EN15 189 Comply with EN15 542 Comply with DIN 8074-8075
<b>Fittings</b> <ul style="list-style-type: none"> <li>• Epoxy</li> <li>• Polyurethane</li> </ul>	Comply with EN14 901 Comply with
<u>Internal coatings:</u>	
<b>Pipes</b> <ul style="list-style-type: none"> <li>• High alumina cement mortar</li> <li>• Polyurethane</li> </ul>	Comply with Comply with EN15 655
<b>Fittings</b> <ul style="list-style-type: none"> <li>• Epoxy</li> <li>• Polyurethane</li> </ul>	Comply with EN14 901 Comply with EN15 655
Chemical resistance to effluents Abrasion resistance	Comply with Comply with

(Comply with = in accordance with EN598)

10. The performances of the product identified in points 1 and 2 above are in conformity with the declared performances in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Pont-à-Mousson, January, 4<sup>th</sup> 2017  
 The **General Manager Mr. Gustavo VIANNA.**

