



## CERTIFICATE OF COMPLIANCE TO EN 15189

ISSUING CENTER : METZ

CB188/09/1961786/6.C.TG N° 1

The undersigned, T.GARCIA, Surveyor acting within the scope of the general conditions of Division France of BUREAU VERITAS and at the request of :

**SAINT-GOBAIN PAM**  
91, Avenue de la Libération  
54076 Nancy Cedex  
FRANCE

attests that :

the five type tests of standard EN 15189 were performed on external polyurethane coating for pipes according to the test methods of this standard.

All the results of these tests are conform to the requirements of standard EN 15189.

### Performance type test of standard EN 15189

| Test                        | Method           | Requirement clause | Report              | Conclusion |
|-----------------------------|------------------|--------------------|---------------------|------------|
| Chemical resistance         | EN 15189 § 7.2.1 | EN 15189 § 6.1     | RE 12-983-1         | Conform    |
| Impact resistance           | EN 15189 § 7.2.2 | EN 15189 § 6.2     | RE 12-983-2         | Conform    |
| Indentation resistance      | EN 15189 § 7.2.3 | EN 15189 § 6.3     | RE 12-986-2         | Conform*   |
| Elongation at break         | EN 15189 § 7.2.4 | EN 15189 § 6.4     | CET0018684/6D1/4a** | Conform    |
| Coating specific resistance | EN 15189 § 7.2.5 | EN 15189 § 6.5     | RE 12-983-4         | Conform    |

\* *Test performed on polyurethane free films*

\*\* *Report from CETIM (Nantes)*

Metz on 18 November 2009

Surveyor : Thierry GARCIA

