DECLARATION OF PERFORMANCE

In compliance with EU Regulation (EU): No 305/2011
(Construction Product Regulation)

Declaration of Performance-Nr. **GR00003/GR00004**

1. Unique identification code of the product-type:

GRF UNI-100 POOL BO 1L*8 L716
PVC-U Adhesive for thermoplastic piping systems for fluids under pressure (PN16) and fluids not under pressure.

2. Intended use(s):

In installations/disposal/storage of water not intended for human consumption * (see remark on the last page)

3. Manufacturer:

Bison International BV, Dr. A.F. Philipsstraat 9, 4462 EW Goes, The Netherlands

4. Authorized representative:

Not Applicable

5. System or systems of assessment and verification of constancy of performance:

System 4

6. Harmonised standard: **EN14680:2006 / EN14814:2007**
   Notified body/ies: **Not Applicable**

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Resistance to pull out / shear strength at 1 hour setting time	≥ 0,25 MPa	EN 14680:2006
Resistance to pull out / shear strength at 24 hours setting time	≥ 1,5 MPa	
Resistance to pull out / shear strength at 480 hours setting time	≥ 3,0 MPa	
Tightness / resistance to elevated temperature cycling	No leakage	
Resistance to high temperature / resistance to elevated temperature cycling	No leakage	
Durability on tightness and temperature resistance	No leakage	

Essential characteristics	Performance	Harmonised technical specification
Internal pressure / pressure resistance at 51,2 bar 20 ^{0}C	≥ 1000 hour, no leakage	EN 14814:2007
Internal pressure / pressure resistance at 16 bar 60 ^{0}C	≥ 1000 hour, no leakage	
Resistance to pull out / shear strength at 1 hour setting time	≥ 0,4 MPa	
Resistance to pull out / shear strength at 24 hours setting time	≥ 1,5 MPa	
Resistance to pull out / shear strength at 480 + 96 (60°C) hour setting time	≥ 7,0 MPa	
Tightness / pressure resistance at 51,2 bar 20 ^{o}C + 16 bar 60 ^{o}C	No leakage	
Resistance to high temperature / pressure resistance at 16 bar 60 ^{0}C	No leakage	
Durability on tightness and temperature resistance	No leakage	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not Applicable**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

J.P.M. Klerks
Manager Reseach & Development
Goes, 3. November 2016

The use in installations of water intended for human consumption is not in the scope of this harmonized standard, but will probably be introduced in the future revision of this standard. Until then the product can be used in installation of water intended for human consumption if it meets the relevant requirements of an separate Member State. See for details on the data sheet or label if you can use the product in contact with water intended for human consumption.