



DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:

Elastomeric Seals – Vulcanised rubber - 110mm & 160mm Lip seal ring system Snap-cap Seal.

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

For pipe joints used in water and drainage applications, excluding uses in contact with water intended for human consumption.

3. Manufacturer:

FloPlast Limited,
Castle Road,
Eurolink Business Park,
Sittingbourne,
Kent.
ME10 3FP
United Kingdom

4. Authorised representative:

Not applicable

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

System 4

6. Designated standard:

BS EN 681-1: 2006

7. Approved body:

Not applicable

8. Declared performances:

Essential characteristics	Performance	Test Method	Harmonised technical specification
Dimensional tolerance	Fulfilled	ISO 3302	EN681-1: 2006, 4.2.1
Tightness: Gas and Liquid			
Hardness	60 +/- 5 IRHD	ISO 48	EN 681-1: 2006, 4.2.3
Tensile Strength	≥ 9.0 MPa	ISO 37	EN 681-1: 2006, 4.2.4
Elongation at Break	≥ 300%	ISO 37	EN 681-1: 2006, 4.2.4
Compression Set			
72 h / 23°C	≤ 12%		
24 h / 70°C	≤ 20%	ISO 815	EN 681-1: 2006, 4.2.5
70 h / -10°C	≤ 50%		
72 h / -25°C	≤ 60%		
Volume Change in Water 7d / 70°C	+8 / -1%	ISO 1817	EN 681-1: 2006, 4.2.5
Release of dangerous substances	NPD	-	-
Durability			
Ageing, 7 Days at 70°C			
Hardness	+8 / -5 IRHD	ISO 188	
Tensile	-20%	ISO 48	EN 681-1: 2006, 4.2.5
Elongation	+10 / -30%	ISO 37	
Stress relaxation at:			
7 d / 23°C	≤ 15%	ISO 3384	EN681-1: 2006, 4.2.7
100 d/ 23°C (Type Test)	≤ 15%		
Ozone resistance	No cracking	ISO 1437-1	EN681-1: 2006, 4.2.9

9. 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, **as it has effect in the United Kingdom**, under the sole responsibility of the supplier identified above.

Signed for and on behalf of the manufacturer by:



Neil Harrison

QESH Manager

FloPlast Ltd

Date: 27th January 2021

Place of Signing: Sittingbourne Kent