



SISTEMAS ESSELLE, S. L.
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DECLARATION OF PERFORMANCE

N° 00002

Identification of the product: **Connector seals for pipes and manholes type Tubocor Insitu Lateral Connector**

Serial number: **None**

Intended use: **Rubber sealing as a sealing connection solution for smooth pvc pipe in drilled hole for vertical and lateral plastic and concrete chambers**

Manufacturer: **SISTEMAS ESSELLE S.L., Pol. Ind. Juin Txiki pab. 15-27, 20720 Azkoitia (Gipuzkoa) – Spain**

Authorised representative: **Jacques Garate**

Assessment and verification of constancy of performance: **System 4**

Relevant harmonised standard: **UNE EN 681-1:1996**

European Technical Assessment: **Not applicable**

Declared performance

Essential Characteristics	Performance	Harmonised technical specific
Dimensional	L3 – E1	ISO 3302
Hardness	50 ± 5	UNE EN 681-1:1996
Tensile strength	Min. 9 MPa	UNE EN 681-1:1996
Elongation at break	Min. 375 %	UNE EN 681-1:1996
Compression set 72 h. at 23 °C	≤ 12	UNE EN 681-1:1996
Compression set 24 h. at 70 °C	≤ 20	UNE EN 681-1:1996
Compression set 72 h. at -10 °C	≤ 40	UNE EN 681-1:1996
Ageing 7 d. a 70 °C, Hardness change, Max.	+8/-5	UNE EN 681-1:1996
Ageing 7 d. a 70 °C, Tensile strength change	-20 %	UNE EN 681-1:1996
Ageing 7 d. a 70 °C, Elongation at break change max.	+10/-30	UNE EN 681-1:1996
Stress relaxation, max. 7 days at 23 °C	14 %	UNE EN 681-1:1996
Stress relaxation, max. 100 days at 23 °C	20 %	UNE EN 681-1:1996
Volume change in water, 7 days at 70 °C, max.	+8/-1 %	UNE EN 681-1:1996
Ozone resistance	No cracking	UNE EN 681-1:1996

The performance of the product identified is in conformity with the declared performance above. This declaration is used under the sole responsibility of the manufacturer identified.

Date **June 18, 2013**

Signature **Jacques Garate**
Position **Manager**