

**Declaration of Performance
Nr 13001 dated 2013-12-29**

1. Product name	SLIPSIL®
2. Type identification	SLIPSIL sealing plugs, size range see annex, batch number see packaging
3. Intended use	Sealing plugs for fire safe wall and floor pipe penetrations
4. Name and contact address of manufacturer	Beele Engineering BV Vierde Broekdijk 12 7122 JD Aalten The Netherlands
5. Name and contact address of authorised representative	Not applicable
6. System of assessment and verification of constancy of performance (AVCP)	System 1
7. Notified Body	Not applicable
8. Technical Assessment Body	<p>Technical Assessment Body No.0620, Kiwa Nederland BV, issued ETA 13/0152 on the basis of ETAG 026 part 2, performed the activities:</p> <ul style="list-style-type: none"> • the evaluation and approval of the products based on initial type assessment (including sampling) • the initial inspection of the production installation and the factory production control • the permanent surveillance and evaluation of the factory production control <p>and issued certificate of constancy of performance of the product with the unique number 76874</p>

9. Declared performance			
Essential characteristics	Performance	Standard	Harmonised technical specification
Reaction to fire • Classification	Class E	EN-ISO 11925-2 EN 13501-1	ETAG 026 part 2
Resistance to fire • Fire resistance classification	EI 120-C/U and E 120-C/U	EN 1366-3 EN 13501-2	
Air permeability	NPD		
Water permeability	NPD		
Emission of dangerous substances or radiation	NPD		
Mechanical resistance and stability	NPD		
Airborne insulation	NPD		
Water vapour permeability	NPD		
Durability and serviceability Use categories: Type Y ₂ , Z ₁ , Z ₂			
1. Durability of physical-mechanical properties	No essential change in performance	EOTA TR 024, table 4-2	
2. Components and materials compatibility	Compatible with metal pipes, concrete wall and floor and hard plastic conduit pipes		
3. Physical-mechanical properties Hardness Density Tensile strength Elongation at break Limited oxygen index (LOI)	65 – 85 Shore A 1,55 – 1,65 Mg/m ³ ≥ 2,0 MPa ≥ 100 % ≥ 40 %	ISO 7619-1 ISO 2781 ISO 37 ISO 37 ASTM D2863	
The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.			
Signed for and on behalf of the manufacturer by:			
Aalten, 2013.12.29			
 BEELE Engineering BV Beunkdijk 11 NL-7122 NZ AALTEN Phone: +31 543 461629 Fax: +31 543 461786 J.A. Beele Managing Director			

ANNEX
List of SLIPSIL plugs

PLUG SERIES	CONDUIT OPENING	PLUG LENGTH	PIPE DIAMETER
25	24.5 - 25.6	54	5 - 12
27	26.5 - 27.6	54	5 - 15
28	27.5 - 28.5	54	5 - 15
30	29.5 - 30.5	54	5 - 16
32	31.5 - 32.5	54	5 - 16
34	33.5 - 34.5	54	5 - 18
35	34.5 - 35.7	54	5 - 20
37	36.5 - 37.7	54	5 - 20
40	39.5 - 40.7	54	5 - 22
41	40.5 - 41.7	54	5 - 25
43	42.5 - 43.7	54	5 - 28
50	49.5 - 50.7	66	6 - 32
53	52.0 - 53.7	66	6 - 34
55	54.0 - 55.7	66	6 - 34
57	56.0 - 57.7	66	14 - 40
60	59.0 - 60.7	66	14 - 40
62	61.0 - 62.7	66	14 - 40
67	66.0 - 67.7	66	22 - 50
68	67.0 - 68.7	66	20 - 50
70	69.0 - 70.7	66	22 - 50
75	74.0 - 75.7	66	22 - 50
78	77.0 - 78.7	66	22 - 50
80	79.0 - 80.7	66	28 - 60
82	81.0 - 82.7	66	28 - 60
90	89.0 - 90.7	66	40 - 64
94	93.0 - 94.7	66	40 - 64
97	96.0 - 97.7	66	40 - 64
100	99.0 - 100.7	66	40 - 75
102	101.0 - 102.7	66	40 - 75
103	102.0 - 103.7	66	26 - 75
105	104.0 - 105.7	66	40 - 75
107	106.0 - 107.7	66	40 - 76
110	109.0 - 110.7	66	48 - 80
118	117.5 - 119.2	66	60 - 90
122	121.0 - 122.7	66	60 - 92
125	124.0 - 125.7	66	60 - 92
128	127.0 - 128.7	66	60 - 92
131	130.5 - 132.2	66	60 - 92
146	145.0 - 146.7	79	88 - 120
150	149.0 - 150.7	79	88 - 125
152	151.0 - 152.7	79	88 - 125
154	153.0 - 154.7	79	88 - 125
156	155.0 - 156.7	79	88 - 125
160	159.0 - 160.7	79	88 - 125
190	189.0 - 190.7	79	110-160
200	199.0 - 200.7	79	110-160

All dimensions in mm

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