



EN 1504-5:2004

DECLARATION OF PERFORMANCE

According to Annex III of the Regulation (EU) No. 305/2011

1. Unique Identification Code of the Product Type:

Manufacturer product code: PC Leakinject 2K Flex 6811 LV
 Newton product code: 322-SP

2. Intended Use/es:

Concrete injection product, ductile filling of cracks, in accordance with EN 1504-5:2004, category D, U(D1)W(1)(1/2/3) (5/30)

3. Manufacturer:

ECC NV
 Terbekehofdreef 50-52
 2610 Wilrijk, Belgium

4. Authorised Representative:

Not Applicable

5. System/s of AVCP:

System 2+

6a. Harmonised Standard:

EN 1504-5:2004, category D

NOTIFIED BODY/IES:

Belgium Construction Certification Association ASBL (BCCA), NB: 0749 performed the following tasks under AVCP System 2+:

- An initial inspection of the product installation and the production control system.
- Continuing monitoring, assessment and evaluation of the production control system.

BCCA has provided ECC NV with a Certificate of Conformity in respect of the factory production control (code: BC2-562-1895-0004-001).

NEWTON 322-SP

Flexible Sealing Polyurethane Injection Resin

6b. European Assessment Document:

Not applicable

EUROPEAN TECHNICAL ASSESSMENT:

Not applicable

TECHNICAL ASSESSMENT BODY:

Not applicable

NOTIFIED BODY/IES:

Not applicable

7. Declared Performance:

| Essential characteristics | Declared Performance | Test Standard | Harmonised Technical Standard |
|--|---|---------------|-------------------------------|
| Adhesion and elongation capacity | Adhesion: On dry concrete: 1.30 N/mm ² On wet concrete: 0.63 N/mm ² On sand-based metal sheet: 3.59 N/mm ² Elongation: > 10% | EN 12618-1 | BS EN 1504-5:2004 |
| Watertightness | $\geq 2 \times 10^5$ Pa | EN 14068 | |
| Glass transition temperature | -35.2°C | EN 12614 | |
| Workability | Crack wide from 0.1mm State of moistness of the crack: dry, damp, wet | EN 1771 | |
| Durability - compatibility to concrete | Successful (lost deformation work < 20%) | EN 12637-1 | |
| Corrosion behaviour | NPD | | |
| Dangerous substances | In accordance with 5.4 of EN 1504-5:2004 | | |
| NPD: No Performance Declared | | | |

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performances. 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:

Name: Warren Muschialli – Managing Director

At: Newton Waterproofing Systems
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TN9 1RH





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On: 18th February 2019

NEWTON 322-SP

Flexible Sealing Polyurethane Injection Resin

NEWTON SYSTEM 300 - WATERBARS, WATERSTOPS AND WATERPLUGS

|  |  | <p>Newton Waterproofing Systems Newton House 17-20 Sovereign Way Tonbridge Kent TN9 1RH</p> | <p>PC Leasinject 2K Flex 6811 LV Newton product: 322-SP EN 1504-5:2004 0749 Concrete injection product, ductile filling of cracks, in accordance with EN 1504-5:2004, category D, U(D1)W(1)(1/2/3)(5/30)</p> | |
|---|--|---|--|-------------------------------|
| Essential characteristics | Declared Performance | | Test Standard | Harmonised Technical Standard |
| Adhesion and elongation capacity | <p>Adhesion: On dry concrete: 1.30 N/mm² On wet concrete: 0.63 N/mm² On sand-based metal sheet: 3.59 N/mm² Elongation: > 10%</p> | | EN 12618-1 | BS EN 1504-5:2004 |
| Watertightness | ≥ 2 x 10 ⁵ Pa | | EN 14068 | |
| Glass transition temperature | -35.2°C | | EN 12614 | |
| Workability | <p>Crack wide from 0.1mm State of moistness of the crack: dry, damp, wet</p> | | EN 1771 | |
| Durability - compatibility to concrete | Successful (lost deformation work < 20%) | | EN 12637-1 | |
| Corrosion behaviour | NPD | | | |
| Dangerous substances | In accordance with 5.4 of EN 1504-5:2004 | | | |
| NPD: No Performance Declared | | | | |