



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 Hydrogel 6880

Newton product code: 321-FSP

## 2. Intended Use/es:

Concrete injection product in accordance with EN 1504-5:2004, category S, U(S1)W(8)(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 S

### 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: BC2-565-1895-0004-001).

# NEWTON 321-FSP

## Flexible Foaming & 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
Watertightness	$\geq 2 \times 10^5$ Pa	EN 14068	BS EN 1504-5:2004
Workability - percent of the crack which is filled	> 95%	EN ISO 3219	
Corrosion behaviour	NPD		
Expansion ratio and evolution with water retention	$\pm 8.66\%$	EN 14498	
Durability - sensitivity to water	The expansion reaches a constant level	EN 14498	
Durability - sensitivity to wet / dry cycles	No change in the expansion ratio	EN 14498	
Durability - compatibility to concrete	Successful	EN 12637-1, 6.2 & 7.3.1	
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

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On: 18th February 2019



# NEWTON 321-FSP

Flexible Foaming & Sealing Polyurethane Injection Resin

NEWTON SYSTEM 300 - WATERBARS, WATERSTOPS AND WATERPLUGS

				Newton Waterproofing Systems Newton House 17-20 Sovereign Way Tonbridge Kent TN9 1RH		PC Hydrogel 6880 Newton product: 321-FSP EN 1504-5:2004 0749 Concrete injection product in accordance with EN 1504-5:2004, category S, U(S1)W(8)(3)(5/30)	
Essential characteristics		Declared Performance		Test Standard		Harmonised Technical Standard	
Watertightness		$\geq 2 \times 10^5$ Pa		EN 14068		BS EN 1504-5:2004	
Workability - percent of the crack which is filled		> 95%		EN ISO 3219			
Corrosion behaviour		NPD					
Expansion ratio and evolution with water retention		$\pm 8.66\%$		EN 14498			
Durability - sensitivity to water		The expansion reaches a constant level		EN 14498			
Durability - sensitivity to wet / dry cycles		No change in the expansion ratio		EN 14498			
Durability - compatibility to concrete		Successful		EN 12637-1, 6.2 & 7.3.1			
Dangerous substances		In accordance with 5.4 of EN 1504-5:2004					
NPD: No Performance Declared							