

System 400

**NEWTON 410 GEODRAIN**

Externally Applied Drainage Membrane

Rev 3.1 - 07 November 2018

PRODUCT CODE - M18



EN 13252:2016

# DECLARATION OF PERFORMANCE

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

## 1. Unique Identification Code of the Product Type:

M18

## 2. Intended Use/s:

Geocomposite for applications in the drainage sector **S + F + D**

## 3. Manufacturer:

Newton Waterproofing Systems  
 (a trading name of John Newton & Company Ltd.)  
 Newton House  
 17-20 Sovereign Way  
 Tonbridge  
 Kent  
 TN9 1RH  
 01732 360095  
[www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)

## 4. Authorised Representative:

Not Applicable

## 5. System/s of AVCP:

System 2+

## 6a. Harmonised Standard:

EN 13252:2016

### NOTIFIED BODY/IES:

Notified Body SKZ Testing GmbH (ID 1213) performed the initial inspection of the manufacturing plant and of Factory Production Control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the Certificate Of Conformity No. 5804.

# NEWTON 410 GEODRAIN

## Externally Applied Drainage Membrane

### 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
		Mean value	Tolerance	um		
Geotextile (textile layer)	Tensile strength - MD	9.0	- 1.2	kN/m	EN ISO 10319	EN 13252:2016
	Tensile strength - CDM	9.0	- 1.2	kN/m		
	Dynamic perforation	29	+ 5.8	mm	EN ISO 13433	
	Puncture	1,250	- 0.125	kN	EN ISO 12236	
	Opening size	120	± 36	µm	EN ISO 12956	
	Permeability	$50 \times 10^{-3}$	$- 15 \times 10^{-3}$	m/s	EN ISO 11058	
	Durability	To be covered within 2 weeks after installation. Durable for at least 100 years in each natural soil (ph-value between 4 and 9; ground temperature ≤ 25°C)				
Geocomposite (membrane + textile)	Permeability - MD	3.5	± 0.5	l/ms	EN ISO 12958	EN 13252:2016
	Permeability - CMD	3.5	± 0.5			
	Tensile strength - MD	15	± 1	kN/m	EN ISO 10319	
	Tensile strength - CMD	15	± 1			
		Durability	To be covered within 2 weeks after installation. Durable for at least 50 years in each natural soil (ph-value between 4 and 9; ground temperature ≤ 25°C)			
	Hazardous substances	Less than limited by national regulations.				National regulations valid in the EU member states

### 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 responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Warren Muschialli - Managing Director



At: Newton Waterproofing Systems  
Newton House  
17-20 Sovereign Way  
Tonbridge  
Kent  
TN9 1RH



On: 12 February 2014

# NEWTON 410 GEODRAIN

## Externally Applied Drainage Membrane

					Newton Waterproofing Systems Newton House 17-20 Sovereign Way Tonbridge Kent TN9 1RH		M18 EN 13252:2016 1213 Geocomposite for applications in the drainage sector S + F + D	
	Essential Characteristics	Declared Performance			Test Standard	Harmonised Technical Standard		
		Mean value	Tolerance	um				
Geotextile (textile layer)	Tensile strength - MD	9.0	- 1.2	kN/m	EN ISO 10319	EN 13252:2016		
	Tensile strength - CDM	9.0	- 1.2	kN/m				
	Dynamic perforation	29	+ 5.8	mm	EN ISO 13433			
	Puncture	1,250	- 0.125	kN	EN ISO 12236			
	Opening size	120	± 36	µm	EN ISO 12956			
	Permeability	$50 \times 10^{-3}$	$- 15 \times 10^{-3}$	m/s	EN ISO 11058			
	Durability	To be covered within 2 weeks after installation. Durable for at least 100 years in each natural soil (ph- value between 4 and 9; ground temperature ≤ 25°C)						
Geocomposite (membrane + textile)	Permeability - MD	3.5	± 0.5	l/ms	EN ISO 12958			
	Permeability - CMD	3.5	± 0.5					
	Tensile strength - MD	15	± 1	kN/m	EN ISO 10319			
	Tensile strength - CMD	15	± 1					
	Durability	To be covered within 2 weeks after installation. Durable for at least 50 years in each natural soil (ph- value between 4 and 9; ground temperature ≤ 25°C)						
	Hazardous substances	Less than limited by national regulations.				National regulations valid in the EU member states.		

Newton Waterproofing Systems reserve the right to update product literature at any time. Please always refer to our [website](#) for the latest versions.