

System 400

NEWTON 410 GEODRAIN

Externally Applied Drainage Membrane

Rev 3.0 - 20 March 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

4. Authorised Representative:

Not Applicable

5. System/s of AVCP:

System 2+

6a. Harmonised Standard:

EN 13252:2016

NOTIFIED BODY/IES:

SKZ Testing GmbH, NB: 1213

6b. European Assessment Document:

Not applicable

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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		
Geotextile (textile layer)	Tensile strength - MD	9.0 kN/m	- 1.2 kN/m	EN 10319	EN 13252:2016
	Tensile strength - CDM	9.0 kN/m	- 1.2 kN/m		
	Dynamic perforation	29 mm	+ 5.8 mm	EN 13433	
	Puncture	1,250 kN	- 0.125 kN	EN 12236	
	Opening size	120 µm	± 36 µm	EN 12956	
	Permeability	50 x 10 ⁻³ m/s	- 15 x 10 ⁻³ m/s	EN 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)			
Geomembrane (membrane + textile)	Permeability - MD	3.3 l/ms	± 0.5 l/ms	EN 12958	
	Permeability - CMD	3.4 l/ms	± 0.5 l/ms		
	Tensile strength - MD	15 kN/m	± 1 kN/m	EN 10319	
	Tensile strength - CMD	15 kN/m	± 1 kN/m		
		Durability	To be covered within 2 weeks after installation. Durable for at least 5 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



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