

# NEWTON 408 DECKDRAIN

Externally Applied Drainage Membrane

Rev 2 - 04 June 2024

Code - M33



DOP No: M33/0836CPR/F6840

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:

M33

### 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  
17-19 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:

SKZ Testing GmbH, NB: 1213

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### 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<br>(textile layer)        | Tensile strength - MD     | 7.0  | - 0.9                 | kN/m | EN ISO 10319  | EN 13252:2016                                      |
|                                      | Tensile strength - CDM    | 7.0  | - 0.9                 | kN/m |               |  |
|                                      | Dynamic perforation       | 35   | + 7                   | mm   | EN ISO 13433  |  |
|                                      | Puncture                  | 1,000  | - 0.10                | kN   | EN ISO 12236  |  |
|                                      | Opening size              | 140  | ± 42                  | µm   | EN ISO 12956  |  |
|                                      | Permeability              | $70 \times 10^{-3}$  | $- 21 \times 10^{-3}$ | m/s  | EN ISO 11058  |  |
|                                      | Durability                | To be covered within 2 weeks after installation.<br>Durable for at least 100 years in each natural soil<br>(ph-value between 4 and 9; ground temperature ≤ 25°C) |                       |      |               |  |
| Geocomposite<br>(membrane + textile) | Permeability - MD         | 2.0  | ± 0.5                 | l/ms | EN ISO 12958  | National regulations valid in the EU member states |
|                                      | Permeability - CMD        | 1.5  | ± 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.<br>Durable for at least 50 years in each natural soil<br>(ph-value between 4 and 9; ground temperature ≤ 25°C)  |                       |      |               |  |
|                                      | Hazardous substances      | Less than limited by national regulations.   |                       |      |               |  |

### 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  
17-19 Sovereign Way  
Tonbridge  
Kent  
TN9 1RH



On: 03 June 2024

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## Externally Applied Drainage Membrane

|  |                           |    |                       |      | Newton Waterproofing Systems<br>Newton House<br>17-19 Sovereign Way<br>Tonbridge<br>Kent TN9 1RH |   | M33<br>EN 13252:2016<br>1213<br>Geocomposite for applications in the drainage sector S + F + D |  |
|---|---------------------------|---|-----------------------|------|--|---|--|--|
|   | Essential Characteristics | Declared Performance  |                       |      | Test Standard  | Harmonised Technical Standard                       |  |  |
|   |                           | Mean value  | Tolerance             | um   |  |   |  |  |
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|   | Tensile strength - CDM    | 7.0   | - 0.9                 | kN/m |  |   |  |  |
|   | Dynamic perforation       | 35  | + 7                   | mm   | EN ISO 13433   |   |  |  |
|   | Puncture                  | 1,000   | - 0.10                | kN   | EN ISO 12236   |   |  |  |
|   | Opening size              | 140   | ± 42                  | µm   | EN ISO 12956   |   |  |  |
|   | Permeability              | $70 \times 10^{-3}$   | $- 21 \times 10^{-3}$ | m/s  | EN ISO 11058   |   |  |  |
|   | Durability                | To be covered within 2 weeks after installation.<br>Durable for at least 100 years in each natural soil (ph-value between 4 and 9; ground temperature ≤ 25°C) |                       |      |  |   |  |  |
| Geocomposite<br>(membrane + textile)  | Permeability - MD         | 2.0   | ± 0.5                 | l/ms | EN ISO 12958   |   |  |  |
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|   | 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](http://www.newtonwaterproofing.co.uk) for the latest versions.