

System 100

NEWTON 103-S

High Performance Liquid Waterproofing Membrane

Rev 3.2 - 08 April 2019

PRODUCT CODE - 103-S



EN 1504-2:2004

DECLARATION OF PERFORMANCE

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

1. Unique Identification Code of the Product Type:

103-S

2. Intended Use/es:

EN 1504-2:2004 Surface Protection Systems for Concrete

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 1504-2

NOTIFIED BODY/IES:

Notified Body BSI No. 0086 undertook the initial inspection of type testing, manufacturing plant, factory production control and the continuous surveillance, assessment and evaluation of factory production control under System 2+ and issued Certificate of Conformity of factory production control.

Reaction to fire has been assessed and determined by type testing carried out by Notified Body EXOVA Warringtonfire No. 0833 under System 3.

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
Compressive strength	≥ 35 MPa Class 1	BS EN 12190	BS EN 1504-2:2004
Permeability to CO ²	Equivalent to 100mm of concrete	BS EN 1062-6	
Permeability to water vapour	S _D < 5m Class I Permeable to water vapour	BS EN ISO 7783-2	
Capillary Absorption	< 0.1kgm ⁻² h ^{-0.5} Class III	BS EN 1062-3	
Adhesive bond	≥ 2.0 MPa	BS EN 1542	
Thermal compatibility	> 2.0 MPa	BS EN 13687-1	
Coefficient of thermal expansion	≤ 30 x 10 ⁻⁶ Pass	BS EN 1770	
Dangerous Substances	Complies	Clause 5.4	
Reaction to fire	Euroclass A2-s1, d0	BS EN 13501-1	
Chloride ion diffusion	Steady state not reached after 26 years on test	UK method	

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: 26 August 2015



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107F
EN 1504-2:2004
0086
Surface Protection System for
Concrete

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