

HydroCoat 1 Screed 2K

Self-Levelling Cementitious Coating & Wearing Screed

Revision: 1.0 - 26th August 2024
Code: HC-S-30



EN 1504-3:2005

DECLARATION OF PERFORMANCE

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

1. UNIQUE IDENTIFICATION CODES OF THE PRODUCT TYPE:

HC-S-30 Part A

2. INTENDED USE/S:

Cement based surface coating for moisture control (MCC) rigid trafficked systems.

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

4. AUTHORISED REPRESENTATIVE:

Not Applicable

5. SYSTEM/S OF AVCP:

System 2+

6. HARMONISED STANDARD:

BS EN 1504-2

The UK Approved Body 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 approved test laboratory 0833 under System 3.

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7. DECLARED PERFORMANCE:

Essential Characteristics	Performance	Test Standard	hEN Standard
Compressive Strength	≥ 35 MPa (Class I traffic with polyamide wheels)	BS EN 12190	BS EN 1504-2: 2004
Permeability to Water Vapour	$S_D < 5$ m (Class I Permeable to water vapour)	BS EN ISO 7783-2	
Capillary Absorption	$w > 0.1$ kg.m ⁻² .h ^{-0.5} (Class III)	BS EN 1062-3	
Adhesive Bond	≥ 2.0 MPa (Rigid systems with trafficking)	BS EN 1542	
Thermal Compatibility	> 2.0 MPa	BS EN 13687-1	
Coefficient of Thermal Expansion	$\alpha_T \leq 30 \times 10^{-6}K^{-1}$	BS EN 1770	
Dangerous Substances	COMPLIES	CLAUSE 5.4	
Reaction to Fire	Euroclass A2 _{FL} -s1	BS EN 13501-1	

8. DECLARATION:

The performance of the product identified above is in conformity with the set of declared performance in Section 9. This declaration of performance is issued, in accordance with The Construction Products (Amendment etc.) (EU Exit) Regulations 2020 No.1359, under the sole responsibility of the manufacturer identified above in Section 4.

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: 9th July 2024





DECLARATION OF PERFORMANCE

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

1. UNIQUE IDENTIFICATION CODES OF THE PRODUCT TYPE:

HC-S-30 Part B

2. INTENDED USE/S:

2 component cement based smoothing mortar for thickness of 2 to 3mm.

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

4. AUTHORISED REPRESENTATIVE:

Not Applicable

5. SYSTEM/S OF AVCP:

System 4

6. HARMONISED STANDARD:

Reaction to fire has been assessed and determined by type testing carried out by notified test laboratory 0833 under System 3.

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7. DECLARED PERFORMANCE:

Essential Characteristics	Performance	Test Standard	hEN Standard
Reaction to Fire	Euroclass A2 _{FL} -s1	BS EN 13501-1	BS EN 13813: 2002
Release of Corrosive Substances (Cementitious Screed)	CT	BS EN 13813	
Permeability to Water Vapour	S _D <5m (Class I: Permeable to water vapour)	BS EN ISO 7783-2	
Water Permeability	w <0.1 kg.m-2.h-0.5 (Class III)	BS EN 1062-3	
Compressive Strength	C40	BS EN 12190	
Flexural Strength	F10	BS EN 12190	
Abrasion Resistance	AR1	BS EN 13892-4	
Adhesive Bond	≥ 2.0 MPa	BS EN 1542	

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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
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TN9 1RH

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