

**DECLARATION OF PERFORMANCE**

No: **DoP – E Grade – EN998-1 – 06/13**

Issue date: August 15

- 1 Identification code of product: **K Rend Silicone Spray E Grade**
- 2 Type, batch or serial number: Silicone Spray E Grade *dd/mm/yyyy* ###
- 3 Intended use: External render – One Coat rendering mortar for external use
- 4 Manufacturer: Kilwaughter Chemical Company Ltd  
9 Starbog Road  
Larne  
BT40 2TJ
- Phone: 028 2826 0766  
Web: [www.kilwaughter.com](http://www.kilwaughter.com)
- 5 Authorised representative N/A
- 6 System of assessment The products conform to Annex ZA of BS EN 998-1:2010.  
System of conformity – Attestation 4.  
Initial type testing – Clause 8.2 – conforms as part of the company quality management system and the Kitemark of the products
- Factory production control – Clause 8.3 – conforms as part of the company quality management system and the Kitemark of the products.
- 7 **Declaration of performance concerning a construction product covered by a harmonised standard:**  
BS EN 998-1:2010 Specification for mortar for masonry Part 1: Rendering and plastering mortar.
- 8 **Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**
- 9 **Declared performance:**


	<b>Characteristic</b>	<b>Performance</b>	<b>Harmonised Technical Specification</b>
L 1	Dry Bulk Density (kg/m <sup>3</sup> )	1.3 – 1.76	EN 1015-10
L 2	Compressive Strength	CS IV	EN 1015-11
L 4	Adhesion after weathering (N/mm <sup>2</sup> and fracture pattern)	≤ 0.21 (FP B)	EN 1015-21
L 5	Capillary water absorption (categories)	W 2	EN 1015-18
L 7	Water permeability on relevant substrates after weathering (ml/cm <sup>2</sup> after 48 h)	≤ 0.17	EN 1015-21
L 8	Water vapour permeability coefficient (μ)	≤ 0.13	EN 1015-19
L 9	Thermal conductivity mean λ <sub>10,dry, mat</sub> (W/m.K)	0.63	EN 1745:2002 Table A.12
L 11	Reaction to fire (class)	A1	EN 13501-1
L 12	Durability	NPD	EN 1015-18

**10 Statement**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:


Dr. Ross Savage  
Research Manager



Date: August 15



Information for label/packaging/commercial document:

	
<b>Kilwaughter Chemical Company Ltd</b> 9 Starbog Road Larne Northern Ireland BT40 2TJ  <b>K Rend Silicone Spray E Grade</b>	
<b>EN 998-1:2010</b> <b>Coloured rendering mortar (CR) for external use</b>	
<b>Reaction to Fire</b>	Class A1
<b>Water Absorption:</b>	W 2
<b>Water Vapour Permeability Coefficient:</b>	$\mu$ 0.13
<b>Adhesion:</b>	0.21 N/mm <sup>2</sup> - <b>FP</b> : B
<b>Thermal Conductivity: (<math>\lambda_{10,dry}</math>)=</b>	0.63 W/m.K (tab. mean value; P=50%)
<b>Durability (in external use):</b> The product is considered suitable for external use due to the results of its adhesion and capillary water absorption.	