




# THE MORTAR & SCREED COMPANY

— LTD —

Class M4, Minimum Strength 4 N/mm <sup>2</sup>	Class M6, Minimum Strength 6 N/mm <sup>2</sup>	Class M12, Minimum Strength 12 N/mm <sup>2</sup>
		
The Mortar and Screed Company Ltd The Oaklands, Admaston, Telford, Shropshire, TF50AN	The Mortar and Screed Company Ltd The Oaklands, Admaston, Telford, Shropshire, TF50AN	The Mortar and Screed Company Ltd The Oaklands, Admaston, Telford, Shropshire, TF50AN
<p><b>EN998-2: 2016</b></p> <p><u>Designed</u> general purpose masonry mortar for external use in elements subject to structural requirements</p> <p><b>Contents of chloride: &lt;0.09%</b></p> <p><b>Reaction to fire: Class A1</b></p> <p><b>Water absorption: 1,0kg/(m<sup>2</sup>min<sup>0.5</sup>)</b></p> <p><b>Water vapour permeability: <math>\mu</math> 15/35</b></p> <p><b>Thermal conductivity: (<math>\lambda^{10}</math>, dry)</b></p> <p>0.82 W/mK (tab. Mean value P= 50%)</p> <p><b>Durability (against freeze-thaw):</b> evaluation based on provisions valid in the intended place of use of the mortar</p>	<p><b>EN998-2: 2016</b></p> <p><u>Designed</u> general purpose masonry mortar for external use in elements subject to structural requirements</p> <p><b>Contents of chloride: &lt;0.09%</b></p> <p><b>Reaction to fire: Class A1</b></p> <p><b>Water absorption: 1,0kg/(m<sup>2</sup>min<sup>0.5</sup>)</b></p> <p><b>Water vapour permeability: <math>\mu</math> 15/35</b></p> <p><b>Thermal conductivity: (<math>\lambda^{10}</math>, dry)</b></p> <p>0.82 W/mK (tab. Mean value P= 50%)</p> <p><b>Durability (against freeze-thaw):</b> evaluation based on provisions valid in the intended place of use of the mortar</p>	<p><b>EN998-2: 2016</b></p> <p><u>Designed</u> general purpose masonry mortar for external use in elements subject to structural requirements</p> <p><b>Contents of chloride: &lt;0.09%</b></p> <p><b>Reaction to fire: Class A1</b></p> <p><b>Water absorption: 1,0kg/(m<sup>2</sup>min<sup>0.5</sup>)</b></p> <p><b>Water vapour permeability: <math>\mu</math> 15/35</b></p> <p><b>Thermal conductivity: (<math>\lambda^{10}</math>, dry)</b></p> <p>0.82 W/mK (tab. Mean value P= 50%)</p> <p><b>Durability (against freeze-thaw):</b> evaluation based on provisions valid in the intended place of use of the mortar</p>



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## DECLARATION OF PERFORMANCE

### Relevant Harmonised Standard EN 998-2:2016

1. Unique identification code of the product of the product type: **M4, M6, M12.**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Factory: Wildmoor Quarry; Class M4 Mortar, Class M6 Mortar, Class M12 Mortar .**
3. Intended uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Designed Mortar Strength, factory made natural and / or coloured general purpose masonry mortar for internal and external use in elements that may be subject to structural requirements.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **The Mortar & Screed Company Ltd, Wildmoor Quarry, Sandy Lane, Bromsgrove, B61 0QR**
5. System or systems of assessment and verification on constancy of performance of the construction product as set out in Annex V: **System 4**
6. In case of the declaration of performance concerning a construction product covered by a harmonised standard: **EN998-2:2016 – Mixes shall be monitored in accordance with factory production control system**
7. Declared Performance

8. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 7. This declaration is issued under the sole responsibility of the manufacturer.

Essential Characteristics	Performance			Harmonised Technical Specification
<b>BS 889-2</b>	<b>Class M4, Minimum Strength 4 N/mm<sup>2</sup></b>	<b>Class M6, Minimum Strength 6 N/mm<sup>2</sup></b>	<b>Class M12, Minimum Strength 12 N/mm<sup>2</sup></b>	
Traditional Equivalent	Class 3 Mortar	Class 2 Mortar	Class 1 Mortar	
Initial Shear Strength	0,15N/mm <sup>2</sup> (tab.value)	0,15N/mm <sup>2</sup> (tab.value)	0,15N/mm <sup>2</sup> (tab.value)	EN998-2:2016
Content of Chloride	<0.03%	<0.03%	<0.03%	EN998-2:2016
Reaction to Fire	Class A1	Class A1	Class A1	EN998-2:2016
Water Absorption	<1,0kg/(m <sup>2</sup> min <sup>0.5</sup> )	<1,0kg/(m <sup>2</sup> min <sup>0.5</sup> )	<1,0kg/(m <sup>2</sup> min <sup>0.5</sup> )	EN998-2:2016
Thermal Conductivity	0, 82 W/mK (Tab. mean value P = 50%)	0, 82 W/mK (Tab. mean value P = 50%)	0, 82 W/mK (Tab. mean value P = 50%)	EN998-2:2016
Water Vapour Permeability	15/35 (tab. value)	15/35 (tab. value)	15/35 (tab. value)	EN998-2:2016
Durability	Satisfactory	Satisfactory	Satisfactory	

Signed on behalf of the manufacturer:



Phil Padfield, Managing Director. April 2023.

