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# SikaEmaco N 3850 Marine

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## DECLARATION OF PERFORMANCE

### No. 30209462

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1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	30209462
2	<b>INTENDED USE/S</b>	EN 998-2:2016 Specification for mortar for masonry. Masonry mortar.
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16 8064 Zürich Switzerland
4	<b>SYSTEM/S OF AVCP:</b>	System 2+
5a	<b>HARMONISED STANDARD:</b>	EN 998-2:2016
	Notified body/ies:	1029

#### Declaration of Performance

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2026.01, ver. 1  
3202

## 6 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Compressive strength	Category M30	System 2+	EN 998-2:2016
Chloride ion content	≤ 0.05 %	System 2+	
Initial shear strength	0.37 MPa	System 2+	
Adhesive bond strength	≥ 1.5 MPa	System 2+	
Water absorption	0.1 kg/(m <sup>2</sup> .min <sup>0.5</sup> )	System 2+	
Thermal conductivity	P=50% 1.15 [W/(m.K)] P=90% 1.21 [W/(m.K)] (tab. value)	System 2+	
Water vapour permeability	μ 50/121	System 2+	
Durability (resistance to freeze / thaw)	Durability (frost resistance): Suitable for constructions subjected to severe exposure	System 2+	
Hazardous substances	Complies, see MSDS	System 2+	
Reaction to fire	Euroclass A1	System 3	

## 7 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION

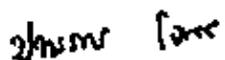
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Rob Doherty  
Function: Head Of Product  
Management  
At Welwyn Garden City on 28 January  
2026



Name: Panassakorn Jones  
Function: R&D Manager  
At Welwyn Garden City on 28 January 2026



End of information as required by Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC Text with EEA relevance

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Sika Services AG, Zurich, Switzerland

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Compressive strength	Category M30
Chloride ion content	$\leq 0.05 \%$
Adhesive bond strength	$\geq 1.5 \text{ MPa}$
Water absorption	$0.1 \text{ kg}/(\text{m}^2 \cdot \text{min}^{0.5})$
Thermal conductivity	P=50% $1.15 [\text{W}/(\text{m} \cdot \text{K})]$ P=90% $1.21 [\text{W}/(\text{m} \cdot \text{K})]$ (tab. value)
Water vapour permeability	$\mu 50/121$
Durability (resistance to freeze / thaw)	Durability (frost resistance): Suitable for constructions subjected to severe exposure
Reaction to fire	Euroclass A1
Hazardous substances	Complies, see MSDS

EN 998-2:2016

1029

Specification for mortar for masonry. Masonry mortar.

<http://dop.sika.com>

## ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## LEGAL NOTE

Any information provided in this Declaration of Performance ("DoP"), including any descriptions and recommendations relating to the application and end-use of any Sika products ("Products"), are given in good faith based on Sika's current knowledge and experience of the Products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. Please note that the materials, substrates and actual site conditions may vary considerably, and therefore Sika makes no warranty for merchantability or fitness for a particular purpose, and accepts no liability for the application and use of the Products, for any recommendations, or for any advice offered. Prior to using, the Product must be tested for its suitability for the intended application and purpose, and the most recent version of the Product Data Sheet must be consulted. Sika reserves the right to change the properties of its Products any time without prior notice. Any orders for Products or services provided by Sika are subject to Sika's current terms and conditions of sale.

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**Sika Services AG**  
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