

**Declaration of Performance – CPR – 018/2011 – DP001IT1802304**

1. **Unique identification code of the product-type:** Diathonite Evolution.
2. **Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):**  
 Product name: Diathonite Evolution.  
 Production date and batch are printed on the package.  
 Production plant: Diasen Srl - Zona Ind.le Berbentina, 5 - 60041 Sassoferrato (AN).
3. **Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**  
 Specifications for mortar for masonry – Part 1: Mortar for internal and external plaster. In accordance with EN 998-1 regulation. Product used on walls, columns, partition walls and ceilings.
4. **Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):** Diasen Srl - Zona Ind.le Berbentina, 5 - 60041 Sassoferrato (AN) – www.diasen.com.
5. **Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):** Not applicable.
6. **System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:** System 4.
7. **In case of the declaration of performance concerning a construction product covered by a harmonized standard:**  
 Diasen Srl - Zona Ind.le Berbentina, 5 - 60041 Sassoferrato (AN) – www.diasen.com  
 Has done:
  1. determination of the product-type on the basis of testing, calculation, tabulated values or descriptive documentation of the product;
  2. control of factory production according to system 4.

**8. Declared performance:**



Essential Characteristics	Performance	Test method
Thermal conductivity	$\lambda = 0,045 \text{ W/mK}$ (category T1)	EN 1745
Compression resistance	$2,7 \text{ N/mm}^2$ (category CS II)	EN 1015-11
Fire reaction	class A1	EN 13501-1
Vapour permeability value	$\mu = 4$	EN 1015-19
Capillary water absorption	$0,40 \text{ kg/m}^2 \text{ h}^{0,5}$ (category W1)	EN 1015-18
Adhesion	$0,10 \text{ N/mm}^2$ – FP: B	EN 1015-12
Density	$360 \pm 20 \text{ kg/m}^3$	EN 1015-10
Durability (freeze/thaw cycles)	Evaluation based on the valid arrangement where the mortar is supposed to be used	
Dangerous substances	Read the SDS	EC Regulation n. 1272/2008

9. **The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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: Diego Mingarelli – Legal representative

Sassoferrato, 10/01/2018

R04\_7.2\_QEMS rev 0 of 30/06/2013

**DiaSen srl**  
 Z. Ind.le Berbentina, 5  
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	 <p>Zona Industriale Berbentina, 5 60041 Sassoferrato (AN) – Italy www.diasen.com</p>		
<p><b>11</b> <b>CPR – 018/2011</b> <b>EN 998-1</b> <b>DIATHONITE EVOLUTION</b> <i>Specifications for mortar for masonry – Part 1: Mortar for internal and external plaster.</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Thermal conductivity: Compression resistance: Fire reaction: Vapour permeability value: Capillary water absorption: Adhesion: Density: Durability (freeze/thaw cycles):</p> <p>Dangerous substances:</p> </td> <td style="width: 50%; vertical-align: top;"> <p><math>\lambda=0,045</math> W/m K (category T1) 2,7 N/mm<sup>2</sup> (category CS II) class A1 <math>\mu=4</math> 0,40 kg/m<sup>2</sup> h<sup>0,5</sup> (category W1) 0,10 N/mm<sup>2</sup> – FP: B 360±20 kg/m<sup>3</sup> Evaluation based on the valid arrangement where the mortar is supposed to be used. read the SDS.</p> </td> </tr> </table>		<p>Thermal conductivity: Compression resistance: Fire reaction: Vapour permeability value: Capillary water absorption: Adhesion: Density: Durability (freeze/thaw cycles):</p> <p>Dangerous substances:</p>	<p><math>\lambda=0,045</math> W/m K (category T1) 2,7 N/mm<sup>2</sup> (category CS II) class A1 <math>\mu=4</math> 0,40 kg/m<sup>2</sup> h<sup>0,5</sup> (category W1) 0,10 N/mm<sup>2</sup> – FP: B 360±20 kg/m<sup>3</sup> Evaluation based on the valid arrangement where the mortar is supposed to be used. read the SDS.</p>
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