

# Declaration of Performance

according to Annex III of Regulation (EU) No. 305/2011  
(Construction Product Regulation)

## Protectosil® BHN

No. 4153-99034803-001

1. Unique identification code of the product-type:

**EN 1504-2: ZA.1a**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**batch number; refer to packaging**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**EN 1404-2**

**Surface protection products – Hydrophobic Impregnation**

**In accordance with the following principles presented in EN 1504-9**

**Protection against ingress (1.1)**

**Moisture control (2.1)**

**Increasing resistivity (8.1)**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Protectosil®**

**Evonik Industries AG**

Untere Kanalstraße 3

79618 Rheinfelden

Germany

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**not relevant**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**EN 1504-2:**

**System 2+**

**(for use in buildings and civil engineering works)**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**The notified body KIWA Polymer Institute GmbH, identification number 1119, performed the initial inspection of the manufacturing plant, the factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:**

**Certificate of conformity of the factory production control**

**1119-CPD-0715**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**not relevant**

9. Declared performance:

### Declared performance

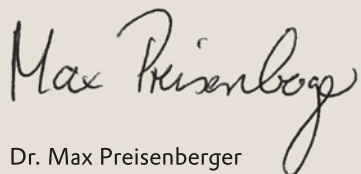
Essential characteristics	Performance	Test Standard	Harmonised Technical specification
Depth of penetration	Class II: ≥ 10 mm	EN 1504-2 Table 3	EN 1504-2: 2004
Water absorption and resistance to alkali as		EN 13580	
Absorption coefficient	< 7,5 % compared with the untreated specimen		
Absorption coefficient	< 10 % after immersion in alkali solution		
Drying rate for hydrophobic impregnation	Class II: > 10 %	EN 13579	
Loss of mass after freeze-thaw salt stress	Pass	EN 13581	
Release of dangerous substances	NPD		

 1119
Evonik Degussa GmbH, 79618 Rheinfelden 06
1119-CPD-0715 EN 1504-2  <b>Protectosil® BHN</b> Hydrophobizing Impregnation  Storage conditions: -10 °C up to +40 °C; containers must be kept tightly sealed and protected from moisture; shelf life of closed containers 12 months
Penetration depth: Class II: ≥ 10 mm
Water absorption and alkali stability: Absorption coefficient < 7,5% compared to the non treated sample Absorption coefficient < 10% after storage in alkali solution
Drying speed for hydrophobizing impregnation: Class II: > 10%
Harmful substances: In accordance with 5.4

10. 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:

Hanau, 01.07.2013



Dr. Max Preisenberger  
Vice President R&D Applied Technology  
Functional Silanes



Peter Horn  
Marketing  
Functional Silanes

Before considering the use of Protectosil® products please read its Material Safety Data sheet (MSDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Material Safety Data Sheet is available after registration on our website [www.dynasylan.com](http://www.dynasylan.com) or upon request from your local representative, customer service or from Evonik Industries AG, Product Safety Department, [sds-im@evonik.com](mailto:sds-im@evonik.com).

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.