

**GROUT  
SEALANT**

**Self-declaration** that the named products comply with the requirements for grout sealant as per BREEAM-NOR's chapter HEA 9

This form must be filled out by the **MANUFACTURER** of grout sealant.

It is important that the information given here is correct, and we strongly encourage thoroughness in researching the extent to which emission testing and/or test reports show that the product complies with the standards and emission limit values required by BREEAM-NOR. If in doubt, the manufacturer should consult own internal and external experts. **Providing incorrect and misleading information can have legal consequences.**

Once filled-out, the form must be signed by a legally responsible person for the manufacturer, such as a technical director or a managing director.

<b>MANUFACTURER:</b>		Soudal NV, Everdongenlaan 18 – 20, 2300 Turnhout, Belgium			
<b>PRODUCT TRADE NAME:</b>		Silirub+ S8100			
<b>PRODUCT ID:</b> Add the product ID to the list to the right or send it to: <a href="mailto:Document@cobuilder.no">Document@cobuilder.no</a>		<a href="#">Download a product-list template</a>			
<b>DOCUMENTATION</b> The following combinations of tests and approvals are accepted as documentation (1-2; OR 3 OR 4)			YES	NO	<b>Comments</b> (e.g. «test not conducted», «does not meet requirement»)
<b>REQUIREMENTS</b>		<b>Relevant standards</b>			
1.	The manufacturer can confirm that the product is EC1 PLUS-certified (EC1+) in accordance with Emicode's new criteria from 2010.		x		
2.a	The product has an emission test which shows that its emissions of ammonia are below <b>0,03 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>			x	
2.b	The product has no emission test measuring the ammonia emissions, but the undersigned can confirm: 1) That ammonia is not traceably active in the product, <u>AND</u> 2) The product does not contain chemicals that can decompose to ammonia.		x		

<b>OR</b>					
3.	The manufacturer can confirm that the product is M1-certified				
<b>OR</b>					
4.	The product has undergone an emission test which shows that its TVOC emission is below <b>0,2 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)			
5.	The product has undergone an emission test which shows that its formaldehyde emission is below <b>0,05 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)			
6.a	The product has undergone an emission test which shows that its ammonia emission is below <b>0,03 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)			
6.b	The product has no emission test measuring the ammonia emissions, but the undersigned can confirm: <ul style="list-style-type: none"> <li>1) That ammonia is not traceably active in the product, <u>AND</u></li> <li>2) The product does not contain chemicals that can decompose to ammonia.</li> </ul>				
7	The product has undergone an emission test which shows that its emissions of cancer-causing compounds (IARC) are below <b>0,005 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)			
8	The product has undergone an emission test which shows that odour dissatisfaction is below 15%. If deemed not applicable for the product, please provide more details in the comment field. <sup>1)</sup>	NS-EN 15251:2007 (Appendix C)			

9	The tests in points 4-9 have been performed in acc. with ISO 16000-series with measurements made after <b>28 days.</b>	ISO 16000			
---	--	-----------	--	--	--

- 1) On [www.ngbc.no](http://www.ngbc.no) under "Frequently asked questions" there is help in assessing different known emission certificates against the requirements in NS-EN 15251.
- 2) Note that the emissions here are measured in  $\text{mg}/\text{m}^2\text{h}$ . Most emission certificates use  $\text{mg}/\text{m}^3$ . There is a way to convert these units in order to compare the results. Your preferred laboratory can help you with this.

Legally responsible: Werner Dierckx

Position: Technical Product Manager

Date: 23/01/2018

Signature:



