



**SEALANTS**

This form must be completed by the MANUFACTURER of the sealant. If the manufacturer does not deliver to NCC directly, but through intermediaries (wholesale, sub-contractors etc), it is the responsibility of the intermediary to pass this form on to the manufacturer. **The completed form shall be included in the proposal to NCC.**

It is important that the information given here is correct, and we encourage the manufacturer to be thorough when checking if the emission tests and certificates of the product comply with the standards and emission levels that BREEAM-NOR require. If in doubt the manufacturer should consult with its own internal experts and resources and any external agencies that conduct testing and certification on behalf of the manufacturer.

**The completed form must be signed by a legally responsible person from the manufacturer**

<b>MANUFACTURER: Dana Lim A/S</b>					
<b>NAME OF PRODUCT: MS Fugelim 526</b>					
<b>DOCUMENTATION</b>			<b>Yes</b>	<b>No</b>	<b>Comments</b>
<b>REQUIREMENTS</b>		<b>Relevant standards</b>			
1.	The product has an emission test documenting that emissions of TVOC are below <b>0,2 mg/m<sup>2</sup>h<sup>1)</sup></b>	NS-EN 15251:2007 (Appendix C)	X		<b>Fulfils EC1 Plus</b>
2.	The product has an emission test documenting that emissions of formaldehyde are below <b>0,05 mg/m<sup>2</sup>h<sup>1)</sup></b>	NS-EN 15251:2007 (Appendix C)	X		<b>Fulfils EC1 Plus</b>
3.	The product has an emission test documenting that emissions of ammonia are below <b>0,03 mg/m<sup>2</sup>h<sup>1)2)</sup></b>	NS-EN 15251:2007 (Appendix C)			We confirm ammonia is not tracably active in the product, AND the product does not contain any substances that can decompose to form ammonia.
4.	The product has an emission test documenting that emissions of carcinogenic substances (IARC) are below <b>0,005 mg/m<sup>2</sup>h<sup>1)</sup></b>	NS-EN 15251:2007 (Appendix C)	X		<b>Fulfils EC1 Plus</b>
5.	The product has an emission test documenting that odor dissatisfaction is below 15%	NS-EN 15251:2007 (Appendix C)	X		<b>Fulfils EC1 Plus</b>

6.	The emission tests in point 2-6 are conducted according to the ISO 16000-series, with emissions being measured after 28 days.	ISO 16000 (ISO 16000-3, -6, -9, -11)	X		<b>Fulfils EC1 Plus</b>
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- 1) Be aware that these emission levels are given in mg/m<sup>2</sup>h. Most emission label certificates give emission levels in mg/m<sup>3</sup>. Such certificates are thus not immediately comparable. There is a method for conversion. Your laboratory can help you with this.
- 2) Be aware that the M1-certification is the only emission label that measures ammonia. See the next table (below) if you do not have a separate ammonia test or M1 certification for your product.

<b>Check the left column if the following statements apply to your product</b>	
	The product does not have an emission test that measures ammonia emissions, but undersigned can confirm that <ol style="list-style-type: none"> <li>1) Ammonia is not traceably active in the product, <u>AND</u></li> <li>2) The product does not contain substances that can decompose to form ammonia.</li> </ol>
	Undersigned can confirm that the product does not contain any of the hazardous substances on the check-list A20 of BREEAM-NOR. Wooden panels are comprised of two of the product categories in the A20 checklist: woodwork and building boards. This same checklist defines what is considered valid documentation.

Additional remark: NGBC accepts EC1 plus (not EC1) after new (2010) criteria as sufficient documentation that requirement 1, 2, 4, 5 and 6 is complied with. But, the producer must then in addition confirm that ammonia is not tracably active in the product, AND that the product does not contain any substances that can decompose to form ammonia.

Name: Dorthe Christensen Position: HSE-Responsible

Date: 12.11.2014

Signature: \_\_\_\_\_

