

## SEALANTS

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

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: : Soudal N.V.</b>					
<b>Everdongenlaan 18-20</b>					
<b>BE -2300 Turnhout</b>					
<b>NAME OF PRODUCT: Soudaseal 222 LM</b>					
<b>DOCUMENTATION</b>			<b>Yes, attaced</b>	<b>No</b>	<b>Being prepared, expected completion: (date)</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)	<b>x</b>		Soudaseal 222 LM has EC1+ certificate
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)	<b>X</b>		Soudaseal 222 LM has EC1+ certificate
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)		<b>X</b>	Soudaseal 222 LM has EC1+ certificate
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)	<b>X</b>		Soudaseal 222 LM has EC1+ certificate
5.	The product has an emission test documenting that odor dissatisfaction is below 15%	NS-EN 15251:2007 (Appendix C)		<b>X</b>	Soudaseal 222 LM has EC1+ certificate
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)	<b>x</b>		Soudaseal 222 LM has EC1+ certificate

<sup>1)</sup> 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.

<sup>2)</sup> 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.

Check the left column if the following statements apply to your product	
x	<p>The product does not have an emission test that measures ammonia emissions, but undersigned can confirm that</p> <p>1) Ammonia is not traceably active in the product, <u>AND</u></p> <p>2) The product does not contain substances that can decompose to form ammonia.</p>
x	<p>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.</p>

Name Dr Peter Gebres Position Manager R&D Date 02.05.2013

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

