VERSION: 1.0
In acc. with the requirements in BREEAM-NOR version 1.0 (14.03.2012)

FLOORING ADHESIVE

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

This form must be filled out by the **MANUFACTURER** of floor adhesives.

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.

MANUFACTURER:	**codex GmbH & Co. KG** **Heuweg 5/1, D-89079 Ulm**
PRODUCT TRADE NAME:	**codex X-Fusion**

DOCUMENTATION The following combinations of tests and approvals are accepted as documentation (1-2; OR 4-5; OR 6-12)			**YES**	**NO**	**Comments**
REQUIREMENTS		**Relevant standards**			
1.	The manufacturer can confirm that this product has an **EC1 Plus (EC1+), *or*** an **EC1 certificate.**		X		
2.	The manufacturer can confirm that this product does not contain any **C3 carcinogens.**		X		The use of carcinogenic substances is prohibited in products labelled with EMICODE.
3.a	The product has an emission test which shows that the emissions of ammonia are below **0,03 mg/m²h** [1) 2)]			X	See 3b.

3.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, AND 2) The product does not contain chemicals that can decompose to ammonia.		X		This product neither contains nor emits ammonia.
OR					
4.	The manufacturer can confirm that the product is M1-certified.				
5.	The product has undergone tests in acc. with the standards below, and absence of carcinogens and allergens can be confirmed: • EN 13999-1 :2007 • EN 13999-2:2007 – VOC • EN 13999-3:2007 – Volatile aldehydes • EN 13999-4:2007 – Volatile diisocyanates	EN 13999-1 :2007 EN 13999-2:2007 EN 13999-3:2007 EN 13999-4:2007			
OR					
6.	The product has undergone an emission test which shows that its TVOC emission is below **0,2 mg/m²h** [1) 2)]	NS-EN 15251:2007 (Appendix C)			
7.	The product has undergone an emission test which shows that its formaldehyde emission is below **0,05 mg/m²h** [1) 2)]	NS-EN 15251:2007 (Appendix C)			
8.a	The product has undergone an emission test which shows that its ammonia emission is below **0,03 mg/m²h** [1) 2)]	NS-EN 15251:2007 (Appendix C)			
8.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, AND 2) The product does not contain chemicals that can decompose to ammonia.				
9.	The product has undergone an emission test which shows that its emissions of cancer-causing compounds (IARC) are below **0,005 mg/m²h** [1) 2)]	NS-EN 15251:2007 (Appendix C)			

10.	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. [1)]	NS-EN 15251:2007 (Appendix C)			
11.	The tests in points 6-10 have been performed in accordance with ISO 16000-series with measurements made after **28 days.**	ISO 16000			
12	The product has undergone tests in acc. with the standards below, and absence of carcinogens and allergens can be confirmed: • EN 13999-2:2007 – VOC • EN 13999-3:2007 – Volatile aldehydes • EN 13999-4:2007 – Volatile diisocyanates	EN 13999-1 :2007 EN 13999-2:2007 EN 13999-3:2007 EN 13999-4:2007			

1) On 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 mg/m²h. Most emission certificates use mg/m³. There is a way to convert these units in order to compare the results. Your preferred laboratory can help you with this.

Legally responsible:	Position:	Date:
Dr. Michael Zieger	Head of Product Safety Management	11.10.2019

Signature 

This document is valid for 6 months from the date of issue. If it has expired or if you require further information, please contact produktsicherheit@uzin-utz.com.