

**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.

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|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------------------------------------------------------------------------|
| MANUFACTURER: | | MAPEI SPA | | | |
| PRODUCT TRADE NAME: | | (All of the manufacturer's flooring adhesives that comply with the criteria below can be listed here in order to avoid creating a separate declaration for each product). | | | |
| PRODUCT ID: Add the product ID to the list to the right or send it to: Document@cobuilder.no | | Ultrabond ECO Fix | | | |
| DOCUMENTATION The following combinations of tests and approvals are accepted as documentation (1-2; OR 4-5; OR 6-12) | | | YES | NO | Comments (e.g. «test not conducted», «does not meet the requirement») |
| REQUIREMENTS | | Relevant standards | | | |
| 1. | The manufacturer can confirm that the product has a EC1 Plus (EC1+) certificate, or a EC1 certificate. | CEN/TS 16516; EN ISO 16000 part 3,6,9 and 11 | YES | | EC1 ^{Plus} certificate Licence number: 1321/01.10.05 |
| 2. | The manufacturer can confirm that the product does not contain any C3 carcinogens . | | YES | | |
| 3.a | The product has an emission test which shows that the emissions of ammonia are below 0,03 mg/m²h ¹⁾ ²⁾ | | | NO | |

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| 3.b | The product has no emission test measuring the ammonia emissions, but the undersigned can confirm: <ol style="list-style-type: none"> 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. | YES | | | |
| 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: <ul style="list-style-type: none"> • 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 <small>1) 2)</small> | 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 <small>1) 2)</small> | 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 <small>1) 2)</small> | NS-EN 15251:2007 (Appendix C) | | | |
| 8.b | The product has no emission test measuring the ammonia emissions, but the undersigned can confirm: <ol style="list-style-type: none"> 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. | | | | |
| 9. | The product has undergone an emission test which shows that its emissions of cancer-causing compounds (IARC) are below 0,005 mg/m²h <small>1) 2)</small> | NS-EN 15251:2007 (Appendix C) | | | |

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| 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: <ul style="list-style-type: none"> • 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.

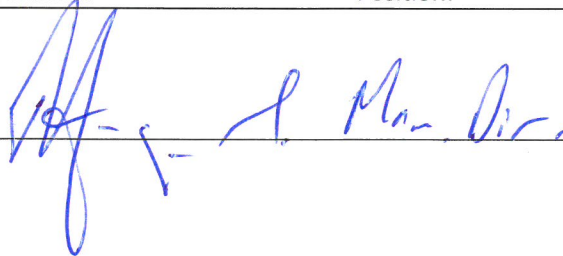
2) Note that the emissions here are measured in mg/m²h. Most emission certificates use mg/m³. There is a way to convert these units in order to compare the results. Your preferred laboratory can help you with this.

Legally responsible:

Position:

Date:

Signature



23/2-17