


Promat Research and Technology Centre NV  
 Bormstraat 24  
 2830 Tisselt  
 Belgium

## Test Report No. 56939-A001-Breem-L

Test objective:	Evaluation acc. to BREEAM-criteria: Hea 02 Indoor air quality
Name of test sample/item by client:	Promapaint SC4
Sample/batch by client:	21-110-04
Sampled by:	Stephanie Goh, Etex Germany Exteriors GmbH
Date of sampling:	01/12/2021
Location of sampling:	Heidelberg, Germany
Date of production:	20/04/2021
Date of arrival of sample:	06/12/2021
Test period:	06/12/2021 - 16/02/2022
Date of report:	17/02/2022
Number of pages of report:	19
Testing laboratory:	eco-INSTITUT Germany GmbH, Köln
Test objective fulfilled:	 Emission criteria of the BREEAM criteria Hea02 table 17
Note:	The test results in the report refer exclusively to the test sample submitted by the manufacturer. The report is not permitted to be used in product and company advertising. More information at <a href="http://www.eco-institut.de/en/advertising">www.eco-institut.de/en/advertising</a>



## Statement of conformity with BREEAM criteria Hea02

The sample with the internal sample number 56939-A001 has been tested on behalf of **Promat Research and Technology Centre NV**. The article description according to the customer is **Promapaint SC4**.

This evaluation is based on the test criteria of BREEAM International New Construction 2016 (Technical Manual SD233 2.0, Hea 02 Indoor air quality) for "Interior Paints and coatings".

Chemical Contaminant	Result	Emission Limit – Emissions from building products	Requirement hold [yes/no]
Emission analysis			
Measurement time: 28 days after test chamber loading			
Formaldehyde	0.003 mg/m <sup>3</sup>	≤ 0.06 mg/m <sup>3</sup>	yes
TVOC	0.8 mg/m <sup>3</sup>	≤ 1.0 mg/m <sup>3</sup>	yes
Category 1A and 1B carcinogens	< 0.001 mg/m <sup>3</sup>	≤ 0.001 mg/m <sup>3</sup>	yes

Chemical Contaminant	Result	Emission Limit – Exemplary Level Criteria	Requirement hold [yes/no]
Emission analysis			
Measurement time: 28 days after test chamber loading			
Formaldehyde	0.003 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	yes
TVOC	0.8 mg/m <sup>3</sup>	≤ 0.3 mg/m <sup>3</sup>	no
TSVOC	< 0.005 mg/m <sup>3</sup>	≤ 0.1 mg/m <sup>3</sup>	yes
Category 1A and 1B carcinogens	< 0.001 mg/m <sup>3</sup>	≤ 0.001 mg/m <sup>3</sup>	yes

## Summary statement of conformity with BREEAM criteria Hea02

The sample with the internal sample number 56939-A001, article description according to customer: **Promapaint SC4**, meets the emission criteria of the BREEAM criteria Hea02 table 17 for interior paints and coatings with the application amount of 1462.5 g/m<sup>2</sup> and loading factor 0.05m<sup>2</sup>/m<sup>3</sup> for fire protecting coatings after a preconditioning of 28 days acc. to EN 16402:2019.

The sample with the internal sample number 56939-A001, article description according to customer: **Promapaint SC4**, does not meet the exemplary level emission criteria of the BREEAM criteria Hea02 table 18 for interior paints and coatings with the application amount of 1462.5 g/m<sup>2</sup> and loading factor 0.05m<sup>2</sup>/m<sup>3</sup> for fire protecting coatings after a preconditioning of 28 days acc. to EN 16402:2019.

Cologne, 17/02/2022



Daniel Tigges, Dipl.-Holzwirt  
(Project Manager)