

ETEX BUILDING PERFORMANCE INTERNATIONAL S.A.S.
500 rue Marcel Demonque - Zone Agroparc
CS 70088
84915 AVIGNON Cedex 9
FRANCE

Eurofins Product Testing Denmark A/S
Smedeskovvej 38
8464 Galten
Denmark

DK-CustomerSupport@cpt.eurofinseu.com
www.eurofins.com

TEST REPORT

VOC Content

14 November 2024

1 Sample Information

| | |
|------------------------|-------------------|
| Sample name | PREGY S |
| Sample no. | 392-2024-00463602 |
| Stated production date | 12/09/2024 |
| Batch No. | 12/09/24 06:26 |
| Sample reception | 03/10/2024 |

2 Brief Evaluation of the Results

| Regulation or protocol | Conclusion | Version of regulation or protocol |
|-------------------------|------------|-----------------------------------|
| SCAQMD Rule 1113 | Pass | February 2016 |
| LEED v4.1 (VOC Content) | Pass | July 2024 |

Full details based on the testing and direct comparison with limit values are available in the following pages
Regarding pass/fail decision rule please see appendix



Janne Rothmann Norup
Analytical Service Manager

3 Applied Test Methods

3.1 General Test References

| Regulation, protocol or standard | Scope | Version |
|----------------------------------|------------------------|---------------|
| SCAQMD Rule 1113 | Architectural coatings | February 2016 |

3.2 Specific Laboratory Sampling and Analyses

| Test | Regulation, protocol or standard | Version | Internal SOP | Limit of detection | Uncertainty $U_{m\pm}$ |
|-----------------|----------------------------------|-----------|--------------|--------------------|------------------------|
| | | | | [g/L] | % |
| Solids Content | ASTM D2369 | 2024 | 71 M 544830 | 1 | 10 |
| VOC | ASTM D2369/SCAQMD Rule 1113 | 2024/2016 | 71 M 544830 | 1 | 10 |
| Water content * | Karl-Fischer titration | - | 71 M 543150 | 0.5 % (w/w) | 10 |
| Density * | Internal method | - | 71 M 543130 | - | 10 |

3.3 Preparation of the Test Specimen

The sample was homogenised and applied directly onto the test dish.

4 Results

4.1 VOC content

| | Remarks on the test results | Results | Unit |
|--------------------------|---------------------------------------|---------|---------|
| Density * | Tested by the lab | 1.67 | g/mL |
| Water content * | Tested by the lab | 39.5 | % (w/w) |
| Exempt compounds * | Assumed to be 0 | 0 | % (w/w) |
| Solids Content | Tested by the lab | 69.5 | % (w/w) |
| VOC content (less water) | Calculated based on the results above | < 1 | g/L |

4.2 Comparison with Limit Values of VOC Content (less Water)

| Parameters | Results | Product type | Regulation or protocol | VOC limit |
|-------------|---------|--------------|------------------------|-----------|
| | [g/L] | | | [g/L] |
| VOC content | < 1 | Flat | SCAQMD Rule 1113 | 50 |

The analysis are carried out on the sample(s) as received and the result(s) are only valid for the tested sample(s).

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5 Appendices

5.1 How to Understand the Results

5.1.1 Acronyms Used in the Report

- < Means less than
- > Means bigger than
- * Not a part of our accreditation
- ⌘ Please see section regarding uncertainty in the Appendices
- 1 Analysed by another Eurofins laboratory

5.2 Description of VOC Content Test

5.2.1 Testing of VOC

Volatile content of the sample was determined gravimetrically by heating to 110 °C in 60 minutes. Multicomponent products are mixed according to the manufacturer's instructions and allowed to cure before heating.

The result is the average of two replicates. The result was calculated as:

$$VOC = \frac{([g \text{ All Volatiles}] - [g \text{ Water}] - [g \text{ Exempt Compounds}])}{([liter \text{ Material}] - [liter \text{ Water}] - [liter \text{ Exempt Compounds}])}$$

5.2.2 Testing of Density

The density was calculated using gravimetric and volumetric determination. The result is the average of three determinations.

5.3 Uncertainty of the Test Method

Um(%): The expanded uncertainty Um is equal to 2 x RSD%.

5.4 Decision Rules

Eurofins Product Testing A/S, declare statement of conformity based on the "Binary Statement for Simple Acceptance Rule" described in ILAC's "Guidelines on decision Rules and Statements of Conformity" ILAC-G8:09/2019.

This means that results above the detection limit are always reported with two significant digits. Results are evaluated with the same number of significant digits as the corresponding limit values, and conformity is based on results being less than or equal to limit values.

For limit values with more than two significant digits, the third digit will be used to confirm whether a result is below or equal to the limit value. It will always be indicated in the evaluation table if this expanded evaluation is performed.

For further information, please visit www.eurofins.dk/product-testing/om-os/beslutningsregler/

5.5 Version History

| Report date | Report number | Modification |
|-------------|-------------------------|-----------------|
| 14/11/2024 | 392-2024-00463602_XG_EN | Current version |