eurofins | Product Testing

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VOC TEST REPORT
VOC Content

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1 Sample Information

Sample name	SL C960 XL
Batch no.	FC 17366237
Production date	01/04/2017
Product type	Self-levelling Compound
Sample reception	15/05/2017

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2 Applied Test Methods

2.1 General Test References

Test	Regulation, protocol or standard	Version	Internal SOP	Limit of detection [g/L]	Uncertainty Um¤
Solids Content	ASTM D2369	2010	71 M 544830	1	10
VOC	ASTM D2369	2010	71 M 544830	1	10

3 Results

3.1 VOC Content

	Remarks on the test results	Results	Unit
Density	Supplied by the costumer	2.00	g/mL
Water Content	Supplied by the costumer	16.7	% (w/w)
Exempt compounds	Assumed to be 0	0	% (w/w)
Solids Content	Tested by the lab	85.6	% (w/w)
VOC content	Calculated based on the results above	< 1	g/L

4 Appendices

4.1 How to Understand the Results

4.1.1 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

4.2 Description of VOC Content Test

4.2.1 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:

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

4.3 Uncertainty of the Test Method

The relative standard deviation of the overall analysis is 10%. The expanded uncertainty Um equals 2 x RSD. For further information please visit www.eurofins.dk/uncertainty.