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Our ref.
392-2014-00095702C

Test Report – LEED 2009 EQ c4.1, SCAQMD rule 1168 (2005)

Sample material

Sample identification	Stahlfix VESF1 & EASF Vinylester & Epoxy Acrylate Styrene Free
Product type	Multipurpose construction adhesives
Product data, according to manufacturer	Density: 1.61 g/ml at 20 °C ** Water content: 0 g/l** Exempt compounds: none ***
Date received	28 May 2014
Analytical period	30 May 2014 – 10 June 2014

Methods applied

Method	Principle	Parameter	Detection limit	Uncertainty, U _m (%)
LEED 2009 EQ c4.1 (Modified)	Gravimetric	Total Volatiles, SCAQMD rule 304	1 g/l	10 %

20 cm sample was dispensed and discarded. Further sample was dispensed in a preweighed dish and allowed to sit for 1 hour (durometer reading > 80). Volatile content of the sample was determined gravimetrically by heating up to 110 °C for 60 minutes. The result is the average of double testing. The result is calculated as:

$$([g \text{ all volatiles}] - [g \text{ water}] - [g \text{ exempt compounds}]) / ([l \text{ material}] - [l \text{ water}] - [l \text{ exempt compounds}])$$

U_m (%): The expanded uncertainty U_m is equal to 2 x RSD%, see also www.eurofins.dk/uncertainty.

Analytical results

Solid content, % mass	Water content, % mass	Exempt compounds, % mass	VOC less water less exempt compounds, g/l	VOC limit g/l
99.6 %	0 % **	0 %***	6.8	70 *

* VOC limit for "Multipurpose construction adhesives"

** Given by the client

*** No information about exempt compounds. Set to zero.

Eurofins Product Testing A/S

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