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Date  
 24 September 2012

Our ref.  
 G16795C

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

### Sample material

Sample identification	<b>Surface Bonder Xi</b>
Product type	Multipurpose construction adhesive
Product data, according to manufacturer	Density: 1.1 g/ml at 20 °C ** Water content: 0.1%** Exempt compounds: none ***
Date received	17 September 2012
Analytical period	21 September 2012

### Methods applied

Method	Principle	Parameter	Detection limit	Uncertainty, U <sub>m</sub> (%)
LEED 2009 EQ c4.1 ASTM D 2369 - 10	Gravimetric	Total Volatiles, SCAQMD rule 304	1 g/l	10 %

Volatile content of the sample was determined gravimetrically by heating up to 110 °C during 60 minutes after an induction time of 24 hours. The result is the average of double testing. The result was calculated as:

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

U<sub>m</sub> (%): The expanded uncertainty U<sub>m</sub> is equal to 2 x RSD%, see also [www.eurofins.dk/uncertainty](http://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
<b>Surface Bonder Xi</b>	95.3	0.1**	0***	51	70*

\* VOC limit for "Multipurpose construction adhesive"

\*\* Given by the client

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

Eurofins Product Testing A/S

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