

Date

11 December 2014



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

Sample material

Sample identification	Surface Bonder Xi, Rodding Compound RD50, Composite Bonder RTP01, Trim Bonder TR30/TR40, Sink Bonder SK11
Product type	Multipurpose construction adhesive
Product data, according to manufacturer	Density: 1.00–1.30 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 _m (%)
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_m (%): The expanded uncertainty U_m is equal to 2 x RSD%

Analytical results

	Solid content, % mass	Water content, % mass	Exempt compounds, % mass	VOC less water less exempt compounds, g/l	VOC limit g/l
Surface Bonder Xi, Rodding Compound RD50, Composite Bonder RTP01, Trim Bonder TR30/TR40, Sink Bonder SK11	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

The test results relate only to the items tested.

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