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Confirmation

Eurofins Product Testing A/S confirms that a sample of an architectural sealant with the name

OTTOSEAL S 54
supplied by
Hermann Otto GmbH

showed low VOC contents in a test as specified in LEED credit EQ 4.1 (adhesives and sealants).

VOC contents was below the limit value specified as 250 grams VOC minus water per liters for architectural sealants.

The test has been performed in July 2010, see test report no. G034761.

Volatiles content (incl. water) was calculated by Eurofins.
Water content was specified by manufacturer.
Solids content was determined by Eurofins.

With this confirmation, use of product OTTOSEAL S 54 may qualify for fulfillment of LEED credit EQ 4.1 (adhesives and sealants).

28 February 2013

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Date
 28 February 2013

Your ref.
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Our ref.
 G034761

Test Report – LEED EQ 4.1 - 2009

Sample material

Sample identification	OTTOSEAL S 54
Product type	Architectural Sealant
Product data, according to manufacturer	No exempt compounds present No water present Density: 1.35 g/ml
Date received	02.07.2010
Analytical period	02.07.2010 – 09.07.2010

Methods applied

Method	Principle	Parameter	Detection limit	Uncertainty
LEED EQ 4.1-2009 ASTM D 2369 - 04	Gravimetric	Volatile/Solid Content of Coatings	1 g/l	0.1 %
Volatile content of the sample was determined gravimetrically by heating up to 110 °C during 60 minutes. The result is the average of triple testing. The result was calculated as: $([g \text{ all volatiles}] - [g \text{ water}] - [g \text{ exempt compounds}]) / ([l \text{ material}] - [l \text{ water}] - [l \text{ exempt compounds}])$				

Analytical results

	Solid content, % mass	Water content, % mass	VOC less water less exempt compounds, g/l	VOC limit g/l
OTTOSEAL S 54	95.6	0 **	59	250 *

* VOC limit for architectural sealants

** according to manufacturer

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