



Confirmation

Eurofins Product Testing A/S confirms that a sample of an Architectural Sealant with the name

OTTOSEAL S 115
supplied by
Hermann Otto GmbH

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

VOC contents were below the limit value specified as 250 grams VOC minus water per liters for Architectural Sealants.

The test has been performed in November 2010, see test report no. G05368.

Volatiles content was calculated by Eurofins.
Water content was set to zero.
Content of exempt compounds was set to zero.
Solids content was determined by Eurofins.

With this confirmation, use of product OTTOSEAL S 115 may qualify for fulfillment of LEED credit EQ 4.1 (adhesives and sealants).

29 November 2010

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Date
 29 November 2010

Your ref.

Our ref.
 G05368/IB

Test Report – LEED EQ 4.1 - 2009

Sample material

Sample identification	OTTOSEAL S 115
Product type	Architectural Sealant
Product data, according to manufacturer	Density: 1.21 g/ml at 20 °C No information on water content** No information on exempt compounds***.
Date received	5 November 2010
Analytical period	November 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 com- pounds, g/l	VOC limit g/l
OTTOSEAL S 115	91.4%	0 **	100	250 *

* VOC limit for Architectural Sealants.

** Not determined but set to zero.

*** Content of exempt compounds are set to zero.

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