



Confirmation

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

OTTOSEAL S 110
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 were below the limit value specified as 250 grams VOC minus water per liters for architectural sealants.

The test has been performed in September 2010, see test report no. G04228.

Volatiles content was calculated by Eurofins.
Water content was specified by manufacturer.
Solids content was determined by Eurofins.

With this confirmation, use of product OTTOSEAL S 110 may qualify for fulfilment of LEED credit EQ 4.1 (adhesives and sealants).

29 October 2010

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Date
 30 September 2010

Your ref.

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Our ref.
 G04228/IB

Test Report – LEED EQ 4.1 - 2009

Sample material

Sample identification	OTTO SEAL S110
Product type	Architectural Sealant
Product data, according to manufacturer	Density: 1.01 g/ml
Date received	31 August
Analytical period	September 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
OTTO SEAL S110	95,4%	0 **	47	250 *

* VOC limit for Architectural Sealants.

** Given by the client.

Eurofins Product Testing A/S

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