



# Confirmation

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

**OTTOSEAL S 70**  
supplied by  
**Herman 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 sealant.

The test has been performed in October 2010, see test report no. G04612.

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 70 may qualify for fulfillment of LEED credit EQ 4.1 (adhesives and sealants).**

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29 Oktober 2010

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Inge Bondgaard  
Chemical engineer

Eurofins Product Testing A/S  
Smedeskovvej 38  
DK 8464 Galten / Denmark

Tel +45 70 22 42 76  
Fax +45 70 22 42 75

[www.product-testing.eurofins.com](http://www.product-testing.eurofins.com)



Hermann Otto GmbH  
 Alois Parzinger  
 Krankenhausstr. 14  
 83413 Fridolfing  
 Germany

Eurofins Product Testing A/S  
 Smedeskovvej 38  
 DK-8464 Galten  
 Denmark

Tel. +45 70 22 42 76  
 Fax +45 70 22 42 75  
 eurofins@eurofins.dk  
 www.eurofins.com/product-emissions

Date  
 15 October 2010

Your ref.

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Our ref.  
 G04612/IB

## Test Report – LEED EQ 4.1 - 2009

### Sample material

Sample identification	OTTO SEAL S 70
Product type	Architectural Sealant
Product data, according to manufacturer	Density: 1.01 g/ml at 20 °C
Date received	20 September 2010
Analytical period	October 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
<b>OTTO SEAL S 70</b>	92,9%	0 **	72	250 *

\* VOC limit for Architectural Sealants.

\*\* Given by the client.

Eurofins Product Testing A/S

Inge Bondgaard  
 Chemical engineer