



# Confirmation

eurofins

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

**OTTOSEAL S 94**  
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. G03477.

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

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15 July 2010

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Date  
 15 July 2010

Your ref.  
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Our ref.  
 G03477 /TNE

## Test Report – LEED EQ 4.1 - 2009

### Sample material

|   |   |
|---|---|
| Sample identification                   | <b>OTTOSEAL S 94</b>  |
| Product type                            | Architectural Sealant   |
| Product data, according to manufacturer | No exempt compounds present<br>No water present<br>Density: 1.27 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<br>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:<br>$([g \text{ all volatiles}] - [g \text{ water}] - [g \text{ exempt compounds}]) / ([l \text{ material}] - [l \text{ water}] - [l \text{ exempt compounds}])$ |             |                                    |                 |             |

### Analytical results

|                      | Solid content,<br>% mass | Water content,<br>% mass | VOC less water less<br>exempt compounds,<br>g/l | VOC limit g/l |
|----------------------|--------------------------|--------------------------|---|---------------|
| <b>OTTOSEAL S 94</b> | 95.7                     | 0 **                     | 55  | 250 *         |

\* VOC limit for architectural sealants

\*\* according to manufacturer

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