Manufacturer: Adolf Würth GmbH & Co. KG

Product Name: Ventilation Duct Sealant (0892 325 1)

Product Rating:
- The product fulfills the requirements for adhesives and sealants and contribute to achieve one LEED credit within IEQ Credit 4.1.

Indoor Environmental Quality (IEQ) - LEED Category

IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants 1 Point ✓✓ ✓✓
IEQ Credit 4.2: Low Emitting Materials: Paints and Coatings 1 Point   
IEQ Credit 4.3: Low Emitting Materials: Flooring Systems 1 Point   
IEQ Credit 4.4: Low Emitting Materials: Composite Wood and Agrifiber Products 1 Point   

Materials and Resources (MR) - LEED Category

MR Credit 4: Recycled Content 1-2 Points —
MR Credit 5: Regional Materials 1-2 Points See Location
MR Credit 6: Rapidly Renewable Materials 1 Point 
MR Credit 7: Certified Wood 1 Point 

Product Characteristics
Acrylic resin dispersion. Neutral- odor, elastic special sealant for the sealing of ventilation ducts in buildings and equipment, as well as air exhaust system in large scale catering kitchens.

About LEED & Products - www.usgbc.org
This declaration helps to assess products easily according the certification system LEED® 2009 New Construction and Major Renovations NC & CS (excluded SCHOOLS). Products are not reviewed or certified by LEED. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information about LEED visit www.usgbc.org/leed. The project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve LEED points.

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Credit requirements fulfilled - the credit point can be achieved
Credit is not applicable to this product
22% X% of the product comply with the credit requirement
Required data not specified - for required data contact manufacturer
Credit requirements are not fulfilled
**IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants (1 Point)**

**Intent**
Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants caused by adhesives and sealants applied on site.

**Requirement**
All adhesive, sealants and sealant primers used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) must comply shall comply with the VOC content limits of the following:
- SCAQMD Rule #1168 (effective date of July 1, 2005 and rule amendment date of January 7, 2005),

**IEQ Credit 4.2: Low Emitting Materials: Paints and Coatings (1 Point)**

**Intent**
Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants caused by paints and coatings applied on site.

**Requirement**
Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) must comply with the VOC content limits of the following:

**Detailed Rating**

<table>
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<th>No</th>
<th>Product Name</th>
<th>Manufacturer</th>
<th>Related Credit</th>
<th>Product Type</th>
<th>VOC-Content Allowable</th>
<th>Contribution of Product</th>
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<td>A1</td>
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<td>Adolf Würth GmbH &amp; Co. KG</td>
<td>IEQ Credit 4.1</td>
<td>Architectural (SCAQMD Rule 1168)</td>
<td>250g/l</td>
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MR Credit 4: Recycled Content (1-2 Points)

Intent
To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirement
Use materials with recycled content* such that the sum of post-consumer** recycled content plus one-half of the pre-consumer*** content constitutes at least 10%/20% (based on cost) of the total value of the materials in the project.

The minimum percentage materials recycled for each point threshold is as follows:
- 10% Recycled Content -> 1 Point
- 20% Recycled Content -> 2 Points.

* Recycled content is defined in accordance with the International Organization of Standards document, ISO 14021 — Environmental labels and declarations — Self-declared environmental claims (Type II environmental labeling).
** Postconsumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.
*** Preconsumer material is defined as material diverted from the waste stream during the manufacturing process. Reutilization of materials (i.e., rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it) is excluded.

Detailed Rating

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<th>No</th>
<th>Product Name</th>
<th>Manufacturer</th>
<th>Recycled Content</th>
<th>Pre-Consumer</th>
<th>Contribution of Product</th>
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<td>Not specified</td>
<td>No recycled content specified.</td>
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MR Credit 5: Regional Materials (1-2 Points)

**Intent**
To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

**Requirement**
Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) must contribute to the regional value. The minimum percentage regional materials for each point threshold is as follows:
- 10% Regional Materials → 1 Point
- 20% Regional Materials → 2 Points.

**Detailed Rating**

<table>
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<tr>
<th>No</th>
<th>Product Name</th>
<th>Manufacturer</th>
<th>Location Harvesting/ Extraction</th>
<th>Location Manufacturing</th>
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