WACKER® 465 – HIGH PERFORMANCE FIRE RETARDANCY SEALANT

WACKER® 465 – FIRE RETARDANCY SEALANT is a one-component neutral cure sealant displaying specific fire retardancy properties that meets defined standards.

Applications
Sealing of connection, expansion and weatherseal joints in construction areas where flame retardancy is imperative

Benefits
- 1K neutral curing system: Cures by moisture and is non-corrosive to metals
- Suitable for both metals & alkaline substrates including concrete, mortar, fibrous cement
- WACKER® 465 meets the following standards
  - EN 15651-1, class F-EXT-INT 25LM
  - EN 15651-2, class G-CC 25LM
  - ISO 11600 F&G, class 25LM
  - ASTM C920, class 50/50
  - EN 13501-1, class B-s2, d0
  - EN 13501-2, class EI 240-H-X-F-W15-25
  - EN 13501-2, class E 240-H-X-F-W15-25
  - EN 13501-2, class EI 240-H-X-F-W5-25
  - EN 13501-2, class E 240-H-X-F-W5-25
- To meet fire retardant standards, it is essential the joint is filled with rockwool as backing material with at least $d_2 = 120$ mm. The silicone joint must have a width of at least $w = 15$ mm and a depth $d_1 = 8$ mm.

Product Data

<table>
<thead>
<tr>
<th>Technical Features</th>
<th>Inspection Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density at 23 °C, at 1013 hPa</td>
<td>ISO 1183-1 A</td>
<td>1.40 g/cm³</td>
</tr>
<tr>
<td>Modulus at 100% elongation</td>
<td>ISO 8339-A</td>
<td>0.40 N/mm²</td>
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<tr>
<td>Tensile strength</td>
<td>ISO 8339-A</td>
<td>0.50 N/mm²</td>
</tr>
<tr>
<td>Ultimate elongation</td>
<td>ISO 8339-A</td>
<td>250%</td>
</tr>
<tr>
<td>Hardness Shore A</td>
<td>ISO 868</td>
<td>22</td>
</tr>
<tr>
<td>Movement capability</td>
<td>ISO 9047-A</td>
<td>± 50%</td>
</tr>
</tbody>
</table>
The data presented in this information sheet are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this information sheet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies’ raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties’ rights and, if necessary, clarifying the position.

Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

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### Sales Conditions

- **Delivery time:** General WACKER Brand lead times
- **Shelf life:** 12 months following supply
- **Storage conditions:** Store in a dry place at 5 °C – 30 °C
- **Minimum order quantity (MOQ):** 6 pallets per article
- **Packaging unit:** 24 units / box

### Developed With 100 Years of Experience

Founded in 1914, today WACKER is one of the world’s largest silicone manufacturers. Our products are renowned for their quality and preferred for their German technology by experts around the globe.

- International German brand
- Stable quality
- High performance products
- Security of supply
- Celebrated 100 years as a company
- Strong and sustainable supplier

### Colors

- Gray, black

### Packaging

- 310 ml cartridge