

WACKER® SILICONE SEALANTS

WACKER® 465 – HIGH PERFORMANCE FIRE RETARDANCY SEALANT

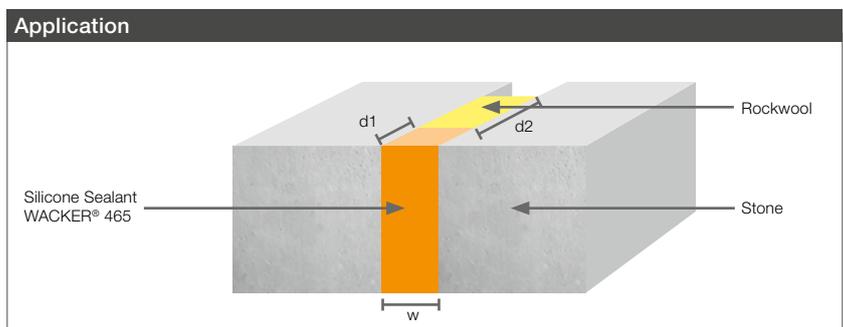
WACKER® 465 – FIRE RETARDANCY SEALANT is a one-component neutral cure sealant displaying specific fire retardancy properties that meets defined standards.

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 $d2 = 120$ mm. The silicone joint must have a width of at least $w = 15$ mm and a depth $d1 = 8$ mm.



w = Joint width
 d1 = Sealant depth
 d2 = Rockwool depth

Product Data		
Technical Features	Inspection Method	Value
Density at 23 °C, at 1013 hPa	ISO 1183-1 A	1.40 g/cm ³
Modulus at 100% elongation	ISO 8339-A	0,40 N/mm ²
Tensile strength	ISO 8339-A	0.50 N/mm ²
Ultimate elongation	ISO 8339-A	250%
Hardness Shore A	ISO 868	22
Movement capability	ISO 9047-A	± 50%



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



Availability



Colors
Gray, black

Packaging
310 ml cartridge



Wacker Chemicals Middle East FZE, Dubai Silicon Oasis, Dubai, United Arab Emirates
www.wacker.com/contact, www.wacker.com

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