

WACKER

CREATING TOMORROW'S SOLUTIONS



**EXPERT
SEALANT
TECHNOLOGY**



WACKER® SILICONE SEALANTS

**WACKER® CS
CONSTRUCTION SEAL**



DEVELOPED WITH 100 YEARS OF EXPERIENCE

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

- German technology
- Consistent quality
- High-performance products
- 100 years of industry expertise
- Renowned & sustainable supplier
- Extensive portfolio

For more information about WACKER® silicone sealants, go to: www.wacker.com/sealants





SEALANT FOR EXTERIOR CONSTRUCTION APPLICATIONS

WACKER® CS (CONSTRUCTION SEAL) is a one-part, neutral, low-modulus silicone sealant with outstanding adhesion for construction and exterior weather-sealing applications.

Applications

- Sealing of connection and expansion joints
- Suitable for weather sealing of many construction materials (e.g. glass, aluminum, steel, stone, concrete and plastic)

Benefits

- Odorless
- Matt finish
- Long shelf life
- Non-sag
- Excellent tooling characteristics for professional use
- Readily gunnable both at low (+5 °C) and high (+40 °C) temperatures
- Rapid crosslinking: quickly becomes tack-free and crack-resistant
- Solvent-free and thus features low volume shrinkage during curing
- Flexible at low (-40 °C) and high (+150 °C) temperatures after curing
- Excellent weatherability, non-corrosive to metals and suitable for alkaline substrates such as concrete, mortar or fibrous cement



PRODUCT SPECIFICATIONS

Curing Properties

Cures at room temperature in the presence of atmospheric moisture to give a permanently flexible silicone rubber.

Colors

Gray S1, black 08, white S10 and beige 31.

Packaging

Standard-size cartridges that fit all standard caulking guns. Also available as convenient sausages.



| Technical Data | | |
|-------------------------------------|------------------------|-------------------|
| General Characteristics | Value | Inspection Method |
| Cure type | Alkoxy | |
| Uncured/Unvulcanized Paste | | |
| Density at 23 °C | 1.40 g/cm ³ | ISO 1183-1 A |
| Consistency | Non-sag | ISO 7390 |
| Skin-forming time at 23 °C/50% r.h. | Approx. 20 min | Internal method |
| Extrusion rate at 6 bar | 130 g/min | Internal method |
| Cured/Vulcanized Rubber | | |
| Hardness, Shore A | 22 | ISO 868 |
| Modulus at 100% (joint) | 0.40 N/mm ² | ISO 8339-A |
| Tensile strength (joint) | 0.5 N/mm ² | ISO 8339-A |
| Ultimate elongation (joint) | 250% | ISO 8339-A |
| Modulus at 100% (S2 dumbbell) | 0.38 N/mm ² | ISO 37 |
| Tensile strength (S2 dumbbell) | 1.74 N/mm ² | ISO 37 |
| Ultimate elongation (S2 dumbbell) | 560% | ISO 37 |
| Movement capability | 25% | ISO 9047 |

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