

WACKER® SILICONE SEALANTS

WACKER® 405 – FAÇADE SEALANT FOR OUSTANDING PERFORMANCE

WACKER® 405 – FAÇADE SEALANT is a one-component neutral cure sealant designed to seal connection and expansion joints in the building sector. It has been formulated to adhere to substrates typically found on the construction site.

Applications

- Sealing of joints between glazing and supporting structures
 - Frames
 - Transoms
 - Mullions
 - Curtain walls
- Equally suitable for perimeter sealing where neutral cure is favoured

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® 405 meets the following standards
 - ISO 11600 F, class 25 LM
 - SNJF Façade, class 25E
 - ASTM C920, 50/50
 - Conforms to EC1-Plus
 - EN 15651-1, class F-EXT-INT 25LM
 - EN 15651-2, class G-CC 25LM

Product Data		
Typical general characteristics	Inspection Method	Value
Cure type		Alkoxy
Uncured/unvulcanized paste		
Density at 23 °C	ISO 1183-1 A	1.40 g/cm ³
Consistency	ISO 7390	Non-sag
Extrusion rate at 6 bar	Internal method	300 g/min
Skin forming time at 23 °C/50% r.h.	Internal method	approx. 20 min
Cured/vulcanized rubber		
Hardness shore A	ISO 868	22
Modulus at 100% (joint)	ISO 8339-A	0.40 N/mm ²
Tensile strength (joint)	ISO 8339-A	0.5 N/mm ²
Ultimate elongation (joint)	ISO 8339-A	250%
Modulus at 100% (S2-dumbbell)	ISO 37	0.38 N/mm ²
Tensile strength (S2-dumbbell)	ISO 37	1.74 N/mm ²
Ultimate elongation (S2-dumbbell)	ISO 37	560%
Movement capability	ASTM C920	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 cartridges per box / 12 foil packs per 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, white – 310 ml cartridge

Color
Black – 600 ml foil pack



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