

# WACKER® 130 - GLASS AND GLAZING

## WACKER Brand

WACKER® 130 - GLASS AND GLAZING is a one-component, acid-curing, low modulus silicone sealant with outstanding adhesion on glass and aluminium, long shelf life and very good processing properties for glazing and window sealing applications.

WACKER® 130 - GLASS AND GLAZING cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

## Properties

- Solvent free
- 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
- flexible at low (- 40 °C) and high temperatures (+ 100 °C) after curing
- long shelf life

## Technical data

### Properties Uncured

Property	Condition	Value	Method
Consistency	-	non-sag	ISO 7390, profile U 20
Density	23 °C	1.01 g/cm <sup>3</sup>	ISO 1183-1 A
Extrusion rate - mass flow	6 bar	250 - 850 g/min	-
Skin formation time <sup>(1)</sup>	-	20 min	internal method

<sup>1</sup>at 23 °C / 50% r.h.

These figures are only intended as a guide and should not be used in preparing specifications.

### Properties Cured

Property	Condition	Value	Method
Movement capability	-	25.0 %	-
Modulus at 100 % elongation (S2-dumbbell)	-	0.35 N/mm <sup>2</sup>	ISO 37
Modulus at 100 % elongation (joint)	100.0 %	0.38 N/mm <sup>2</sup>	ISO 8339-A
Hardness Shore A	-	18	ISO 868
Tensile strength <sup>(1)</sup>	-	0.60 N/mm <sup>2</sup>	ISO 8339
Tensile strength <sup>(2)</sup>	-	1.8 N/mm <sup>2</sup>	ISO 37
Ultimate elongation (S2-dumbbell)	-	550 %	ISO 37
Ultimate elongation (joint)	-	200 %	ISO 8339-A

<sup>1</sup>(joint)

<sup>2</sup>(S2-dumbbell)

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Glazing, Windows & Doors
- WACKER Brand

## Application details

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material such as dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth.

For application from cartridges cut thread open, fix nozzle on top and cut to required bead size. The sealant can be applied in beads or layers. It requires moisture in order to cure.

The curing time can take longer at lower temperatures, lower humidity or by low volume of air exchange.

Restrictions on use WACKER® 130 - GLASS AND GLAZING should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization. WACKER® 130 - GLASS AND GLAZING should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion. WACKER® 130 - GLASS AND GLAZING may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

WACKER® 130 - GLASS AND GLAZING should not be used for sealing of aquaria. WACKER® 130 - GLASS AND GLAZING is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

WACKER® 130 - GLASS AND GLAZING is not recommended for structural glazing bonding.

It is the responsibility of the user to test the compatibility of the sealant with the adjoining materials. Incompatible substances like coatings or organic plasticizers can lead to discoloration of the sealant. Cleaning agents and gaseous emissions can damage the sealant in its function or change its appearance. WACKER cannot make a general statement to the compatibility of all these varying materials with the sealant. In case of doubt the user shall conduct appropriate preliminary tests.

### Adhesion

WACKER® 130 - GLASS AND GLAZING exhibits excellent primerless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker. Users must carry out their own tests due to the great variety of substances. The adhesion can be improved in many cases by pretreatment of the substrates with a primer. If adhesion difficulties arise please contact our technical service.

## Packaging and storage

### Packaging

WACKER® 130 - GLASS & GLAZING 7 is usually supplied in standard size cartridges that fit all standard caulking guns.

### Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

During vulcanization acetic acid is released. These vapors should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water as irritation will otherwise be caused. Cured silicone rubber, however, can be handled without any risk to health.

### Additional information

WACKER® 130 - GLASS & GLAZING 7 meets following specifications:

- EN15651-1:2012-F-EXT-INT-CC
- EN15651-2: 2012 - G-CC
- EN15651-4: 2012 - PW-EXT-ING-CC
- ASTM C 920, Class 25
- ISO 11600-G, Class 25 LM

## QR Code WACKER® 130 - GLASS AND GLAZING



**For technical, quality or product safety questions, please contact:**

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