WACKER® 130 - GLASS AND GLAZING (German Technology)

WACKER Brand

WACKER® 130 is a one-part, acid-curing, low-modulus silicone sealant for glazing and industrial applications. WACKER® 130 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Properties

- Non-sag
- Ready gunnability at low (+5°C) and high (+40°C) temperatures
- Flexible at low (-40°C) and high temperatures (+100°C)
- Rapid crosslinking: quickly becomes tack-free
- Available in a wide range of colors
- Good tooling properties for professional use

Technical data

Properties Uncured

Property	Condition	Value	Method
Density	-	1.00 g/cm^3	ISO 1183-1 A
Consistency	-	Non-sag	ISO 7390, profile U 20
Extrusion rate - volume flow	-	500 ml/min	internal method
Skin formation time[1]	-	20 min	internal method

[1]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 %	ISO 11600
Modulus at 100 % elongation	-	0.38 N/mm^2	ISO 8339
Elongation at break	-	250 %	ISO 8339-A
Hardness Shore A	-	18	ISO 868
Tensile strength	-	0.70 N/mm^2	ISO 8339-A

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Applications

- Sealants
- Silicone Sealants
- Silicone Sealants WACKER Brand
- Specific Application

Application details

Application

- Sealing of connecting and expansion joints in indoor
- Applications and for bonding and mending tasks.

Restrictions on use

WACKER ®130 should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization.
WACKER ® 130 should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion.
WACKER ® 130 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.
WACKER ® 130 is not recommended for sealing of aquaria.
WACKER ® 130 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.
WACKER® 130 is not recommended for structural glazing bonding.

Preparation

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

Adhesion

WACKER® 130 exhibits excellent primerless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; and some plastics.
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 is usually supplied in standard size cartridges that fit all standard caulking guns.

Storage

The best use date of each batch is shown on product label.
If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

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 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 (German Technology)

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

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