

WACKER® S608

WACKER Brand

WACKER® S608 is a one-component, neutral curing, high modulus silicone sealant with good adhesion for DIY application. WACKER® S608 cures at room temperature in the presence of atmospheric moisture to give a permanent flexible silicone rubber.

Properties

- Non-sag
- Primerless adhesion to most substrates
- Non-corrosive to metals
- Suitable for alkaline substrates such as concrete, mortar, fibrous cement
- Solvent-free, thus featuring low volume shrinkage during vulcanization
- Ready gunnability at low (+5°C) and high (+40°C) temperatures
- Flexible at low (-40° C) and high temperatures (+150°C)
- Excellent weatherability
- Rapid crosslinking: quickly becomes tack-free and crack resistant

Technical data

Properties Uncured

Property	Condition	Value	Method
Density	-	1.39 - 1.42 g/cm ³	DIN EN ISO 1183-1 A
Non-sag	-	-	ISO 7390, profile U 20
Skin formation time ⁽¹⁾	-	15 - 25 min	-

¹23°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
Elongation at break	-	240 %	ISO 8339-A
Hardness Shore A	-	37	ISO 868
Tensile strength	-	1.00 N/mm ²	ISO 8339-A

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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

- Silicone Sealants WACKER Brand

Application details

Applications

- Sealing of joints between glazing and supporting structures (frames, transoms, mullions)
- Sealing of perimeter joints
- Sealing of connecting and expansion joints in the building industry
- Industrial sealant for the automotive, aircraft and shipbuilding industries

Restrictions on use

WACKER® S608 may be discolored in contact with some organic elastomers, e.g., EPDM, APTK and neoprene.

WACKER® S608 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

WACKER® S608 must not be used for sealing of aquaria.

WACKER® S608 is not recommended for structural glazing bonding.

The curing time can be extended at lower temperature, lower humidity or by low volume of air exchange.

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® S608 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

Storage

WACKER® S608 has a shelf life of at least 12 months when stored at a cool dry place (below 25°C).

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

During vulcanization methylethylketoxime 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.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available from Wacker subsidiaries.

QR Code WACKER® S608



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

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