

WACKER® WD - WINDOWS AND DOORS Transparent (1)

WACKER Brand

WACKER® WD-WINDOWS AND DOORS transp. is a one-part, neutral-curing, low modulus silicone sealant with good adhesion for the construction and exterior weather sealing applications.

WACKER® WD-WINDOWS AND DOORS transp. 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)
- Low shrinkage during vulcanization
- Good tooling characteristics
- Non-corrosive to metals
- Suitable for alkaline substrate such as concrete, mortar, fibrous cement.

Technical data

Properties Uncured

Property	Condition	Value	Method
Density	-	0.97 g/cm ³	ISO 1183-1 A
Consistency	-	Non-sag	ISO 7390, profile U 20
Extrusion rate - volume flow	-	800 ml/min	internal method
Skin formation time ⁽¹⁾	-	15 min	internal method

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
Elongation at break	-	200 %	ISO 8339-A
Hardness Shore A	-	15	ISO 868
Tensile strength	-	0.35 N/mm ²	ISO 8339-A

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

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

- Exterior Applications
- Sealants
- Silicone Sealants
- Silicone Sealants WACKER Brand

Application details

Application

- Specially for sealing of internal and external connection and expansion joints.
- Equally suitable for fenestration and glazing (e.g. frame, transoms, mullions).

Restrictions on use

WACKER® WD-WINDOWS AND DOORS transp. may be discolored in contact with some organic elastomers, e.g., EPDM, APTK and neoprene.

WACKER® WD-WINDOWS AND DOORS transp. is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

WACKER® WD-WINDOWS AND DOORS transp. is not recommended for sealing of aquaria.

WACKER® WD-WINDOWS AND DOORS transp. must not be used structural glazing bonding.

WACKER® WD-WINDOWS AND DOORS transp. is not suitable for food grade applications where the joints are likely to come in contact with food.

WACKER® WD-WINDOWS AND DOORS transp. is not suitable for use as a mirror adhesive.

Adhesion

WACKER® WD-WINDOWS AND DOORS transp. exhibits excellent primerless adhesion to many substrates, e.g., glass, tiles, ceramics, enamel, glazed tiles and clinker; metals, e.g. aluminium, steel, zinc or copper; impregnated, varnished or painted wood, and many 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.

Processing

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.

Packaging and storage

Packaging

WACKER® WD-WINDOWS AND DOORS transp. 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

During vulcanization methylethylketoxime is released. These vapours 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 on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>

QR Code WACKER® WD - WINDOWS AND DOORS Transparent (1)



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.