

T3000

Moisture Curing Silicone Rubber (RTV-1)

WACKER® T3000 is one component hybrid adhesive cured by moisture. It is an eco-friendly, solvent free adhesive with high durability when installing various wood floor types.



Properties

- Solvent-free
- Isocyanate free
- Phthalate free
- Virtually odorless
- Easy to process at low (+ 5 °C) and high (+ 40 °C) temperatures
- Stable at temperatures from -30 °C to +80 °C
- Rapid curing
- Tack-free and highly elastic after curing
- Suitable for adhesion to many different surfaces,
- Non-corrosive
- Paintable

Technical data

Properties Uncured

Property	Condition	Value	Method
Density	-	1.53 - 1.57 g/cm ³	ISO 1183-1 A
Skin formation time	-	max. 80 min	internal method
Curing time	23 °C 50 % r.h	7 - 14 d	-
Extrusion rate - mass flow	-	min. 600 g/10s	internal method

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

Properties Cured

Cure conditions: 190°C 10min

Property	Condition	Value	Method
Hardness Shore A	-	40 - 50	ISO 868

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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.

Application details

Application Fields

- Laminated wood flooring
- Plywood flooring
- Hardwood flooring

Processing

- Preparation - The substrate areas that will be in contact with the adhesive must be clean.
- Spreading - Open the aluminum bag contained in the plastic pail and spread the contents on the substrate using a notched spreader for wood
- Sealing partially used containers - To conserve any remaining product after laying has been completed, remove as much air as possible from the aluminum bag to avoid the formation of surface skin and make sure it is well closed.
- Curing - Protect from dust and pollutant to have qualified surface and avoid being damaged on the surface of floors

Certification

- WACKER® T3000 is certified and classified according to Eco-Label certificate

Adhesion

- WACKER® T3000 exhibits excellent primerless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, concrete, 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.

Restrictions on use

- Install the flooring materials within 30min
- Be cautions for children's contact and avoid contacting the eye and skin
- Prevent from inhaling and apply in good ventilation area with gloves
- Limit to use only for flooring adhesive
- WACKER® LC T3000 must not be used for insulating glass applications.
- WACKER® LC T3000 should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion.
- WACKER® LC T3000 may be discolored in contact with some WACKER® LC T3000 e.g. EPDM, APTK and neoprene.
- WACKER® LC T3000 should not be used for sealing of aquaria.
- WACKER® LC T3000 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.
- WACKER® LC T3000 is not recommended for structural glazing bonding.
- WACKER® LC T3000 should not be used in contact with metals such as lead, copper, brass, or zinc due to corrosion.
- WACKER® LC T3000 is not recommended for sealing of aquaria or for longer-term use under water.
- WACKER® LC T3000 is not suitable for food grade applications where the joints are likely to come in contact with food.
- WACKER® LC T3000 is not suitable for use as a mirror adhesive.
- The time until complete curing may be extended at lower temperature, lower humidity, increasing film thickness or by low volume of air exchange.

The use of tooling agents should be avoided if possible. Otherwise, water or a diluted solution of a little neutral soap or alcohol in water should be sparingly applied.

Packaging and storage

Packaging

- WACKER® T3000 is usually supplied in standard size 15Kg/Pail.
- Shelf life is 9 months from production date

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.

- Should use before the expire day.
- Avoid sun light, dry and cool at 5~30°C is recommended.

Safety notes

- During vulcanization methanol and ethanol are 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 sealant rubber, however, can be handled without any risk to health.
- Keep away from children.
- 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 T3000



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

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