

WACKER® HA - HYBRID ADHESIVE

WACKER Brand

WACKER® HA - HYBRID ADHESIVE is a high-strength, silicone-free all-purpose adhesive suitable for bonding or repairing many different substrates.

WACKER® HA - HYBRID ADHESIVE cures at room temperature in the presence of atmospheric moisture to give a permanent hard rubber.

Properties

Special features

- almost odorless
- solvent-, Isocyanate-, Plasticier-, and Tin-free
- easy to process from +5 °C to +50 °C
- stable at temperatures from -40 °C to +80 °C
- fast build-up of strength, very strong and tack-free after curing even under water
- excellent adhesion to many surfaces without primer and on wet surfaces
- non-corrosive and non-staining
- paintable
- weatherable and highly resistant to media such as mineral oils, solvents, acids and alkalis



Technical data

Properties Uncured

Property	Condition	Value	Method
Density	23 °C	1.6 g/cm ³	ISO 1183-1 A
Consistency	-	non-sag	ISO 7390, profile U 20
Skin formation time	-	approx. 10 - 30 min	internal method

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

Properties Cured

Property	Condition	Value	Method
Modulus at 100 % elongation (S2-dumbbell)	-	3.5 N/mm ²	ISO 37
Modulus at 100 % elongation (joint)	-	3.0 N/mm ²	ISO 8339
Hardness Shore A	-	80	ISO 868
Tensile strength (S2-dumbbell)	-	4.0 N/mm ²	-
Tensile strength (joint)	-	3.1 N/mm ²	-
Ultimate elongation (S2-dumbbell)	-	70 %	-
Ultimate elongation (joint)	-	100 %	-

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

- Assembly Adhesives - Hybrids
- Silicone Sealants 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 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.

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.

Application

- For bonding a wide variety of materials, such as wood, glass, metals, plastics or mineral-based substrates

- Equally for decorative frames, skirting boards, cable ducts, curtain wall and insulation panels in the construction industry

- For repair bonding in DIY and trade sectors

- For bonds that require painted and must be sanded

Adhesion WACKER® HA - HYBRID ADHESIVE exhibits excellent primerless adhesion to a wide variety of materials such as wood, glass, metals, plastics or mineral-based substrates.

Users must carry out own tests due to the great variety of substrates.

Packaging and storage

Packaging

WACKER® HA - HYBRID ADHESIVE 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.

Store dry and cool.

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 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 rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water as irritation will otherwise be caused. Avoid prolonged contact of uncured sealant with the skin - use a dry cloth or paper to remove it.

Keep out of reach of children.

Cured rubber, however, can be handled without any risk to health.

QR Code WACKER® HA - HYBRID ADHESIVE



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.