

WACKER

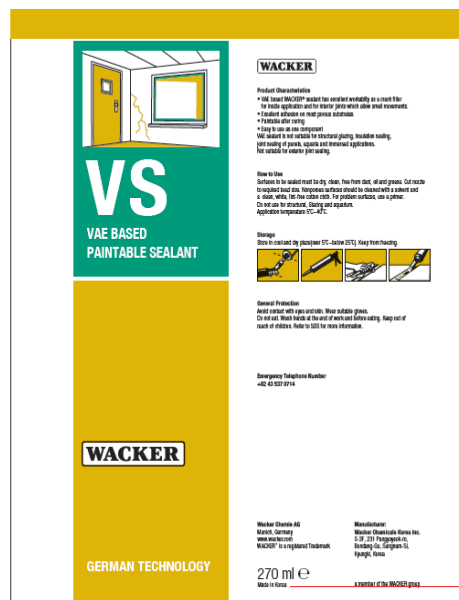
WACKER® VS – VAE SEALANT

Product description

WACKER® VS – VAE SEALANT is a one-part, water-based VAE sealant suitable for internal cracks exposed to little or no movement as well as building repair. Once dried it can be painted if desirable.

Properties

WACKER® VS – VAE SEALANT cures at room temperature in the presence of atmospheric moisture to give a permanent flexible rubber.



Special features

- almost odorless
- long shelf life
- non-sag
- readily gunnable both at low (+5 °C) and high (+40 °C) temperatures
- excellent tooling properties
- paintable

Application

- For crack repair
- For paintable joint sealing
- For joints around indoor plaster
- For joints exposed to small movement

Adhesion

WACKER® VS – VAE SEALANT exhibits excellent primerless adhesion to most non-porous siliceous materials.

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

The adhesion can be improved in many cases by pretreatment of the substrate with a primer.

Processing

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.

Restrictions on use

WACKER® VS – VAE SEALANT is not recommended for sealing of aquarium or for long term use under water. WACKER® 121 - AQUARIUM has been specifically developed for aquarium applications.

WACKER® VS – VAE SEALANT is not suitable for food grade applications where the joints are likely to come in contact with food. For this application please use WACKER® 120 – FOOD CONTACT.

WACKER® VS – VAE SEALANT is not suitable for the following plastic substrates such as Polyethylene, Polypropylene.

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.

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.

Packaging

WACKER® VS – VAE SEALANT is usually supplied in standard size cartridges that fit all standard caulking guns.

Additional information

WACKER® VS – VAE SEALANT meets following specifications:

- ISO 11600 F-12.5E

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>.

Keep out of reach of children.

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

Product data

Typical general characteristics	Inspection Method	Value
Cure type		VAE, Filled
Uncured/ unvulcanized paste		
Density at 23°C	ISO 1183-1 A	1.72g/cm ³
Consistency	ISO 7390	Non-sag
Skin forming time at 23°C / 50% r.h	Internal Method	Approx. 30min
Cured/vulcanized rubber		
Hardness Shore A	ISO 868	35
Ultimate elongation (joint)	ISO 8339-A	50 – 100%
Movement capability	ISO 9047	12.5%

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

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.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG.

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

Wacker Chemicals Korea Inc.
S-3F, 231 Pangyoyeok-ro Bundang-gu, Seongnam-si, 463-400
info.silicones@wacker.com

www.wacker.com