

Technical data sheet



Product: SILAN GLAS PRIMER

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: SPEZIALPRODUKTE

Article group: REINIGER/PRIMER/HAFTVERMITTLER

Download: 07.12.2025

3M™ VHB™ SILANE GLASS PRIMER

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3M[™] VHB[™] Silane Glass Primer

Product Data Sheet

September 2022
Supersedes: March 2014

Product Description

Due to the hydrophilic (water loving) nature of glass the VHB[™] adhesive tape bond may be “undercut” by moisture getting between the adhesive and the glass surface in applications subject to high humidity and frequent water contact. This causes bond weakening and can lead to adhesive failures from the glass.

To combat this effect on such applications the use of a silane primer to prepare the glass is essential, for example: Plastic, metal or painted metal glazing bars bonded to glass windows. Bonding letters to glass shop fronts. Viewing windows for equipment expected to perform in the presence of water. Glass in bathrooms or kitchens (hostile, internal environment).

Construction

	VHB [™] Silane Glass Primer
Basis	Silane
Solvent	Isopropanol
Solid content	0,5 %

Application Guidelines

Surfaces to be bonded together must be clean, dry and at room temperature (60 °F / 15 °C or more). Light dirt or contamination should be removed using VHB[™] Surface Cleaner and applied using lint free cloth. Full cleaning procedures must be followed prior to silane primer application.

1. Moisten a clean, dry lint free tissue with VHB[™] Silane Glass Primer.
2. Apply to the area to be bonded by wiping the surface in one direction with the moistened tissue.
3. For consistently good results apply only a very thin layer on VHB[™] Silane Glass Primer. This can be achieved by wiping the primed area with a clean dry tissue, immediately after the initial application (wipe-on-wipe-off).

3M VHB[™] Silane Glass Primer is clear and should not cloud or discolour glass. If clouding occurs, excess primer has been applied. This must be removed immediately prior to bonding with VHB[™] Tape. If excess primer has been allowed to dry it must be removed with VHB[™] Surface Cleaner and the priming process repeated prior to bonding.

Apply VHB[™] Tape immediately after primer has dried (within 5 minutes).

Note: Read also Technical Bulletin *VHB[™] Tape Glass Bonding and Silane Coupling Agents*.

Storage	Store in original container at approx. 21 °C and 50 % relative humidity.
Shelf Life	<p>When stored under proper conditions, product retains its performance and properties for 12 months from date of manufacture, it is recommended to use the product within one month after opening the container; see also product label.</p> <p>Note: Shelf life may be decreased, especially if open or poorly resealed container is continuously exposed to hot or humid environments</p>
Precautionary Information	<p>Refer to product label and Material Safety Data Sheet for health and safety information before using the product.</p> <p>For information see below for contact details.</p>
For Additional Information	<p>To request additional product information or to arrange for sales assistance, please see below for contact details.</p>
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