

## Vitaglue 9003



preservative-free, sustainable, pre-mixed emulsion adhesive for nonwoven wall coverings and fiberglass fabrics, for interior use



### Field of application

For gluing smooth nonwoven wall coverings based on cellulose or fiberglass as well as fiberglass fabrics with a weight per unit area up to 150 g/m<sup>2</sup>. Can also be used for gluing wall coverings with smooth backs such as rough nonwoven, textured nonwoven wallpaper and Relief 3490. Can be applied to load-bearing substrates, such as filled interior plaster, concrete, gypsum plasterboard and intact coats of emulsion paint.

### Properties

- Preservative-free, solvent-free and plasticizer-free, low-emission
- Contains CO<sub>2</sub>-reduced binder due to the use of renewable raw materials
- Filled in recycled containers
- Corresponds to requirements set out by "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten" (AgBB, German Committee for Health-Related Evaluation of Building Products)
- Ready for use in wallpaper pasting machines
- With good initial adhesion and long open time
- Good spreadability for roller and spray application
- Dries transparently
- Diffusible
- For indoor use
- Suitable for allergy sufferers

### Material description

<b>Color shade</b>	Dries transparently
<b>Gloss grade</b>	Matt
<b>Base material</b>	Polymer dispersion
<b>Density</b>	Approx. 1.02 g/cm <sup>3</sup>
<b>Packaging</b>	18 kg

<b>Thinning</b>	Generally not necessary because it is ready for use. If necessary, dilute with up to max. 5% water.
<b>Tinting</b>	Do not tint.
<b>Compatibility</b>	Do not mix with other types of materials.
<b>Application</b>	<p>Roller and airless spray application          For gluing wall coverings, evenly apply a sufficient amount of Vitaglu 9003 directly to the substrate in 2–3 strip widths with a short-staple lambskin roller or the airless spraying device. As part of an airless application procedure, we recommend re-rolling the adhesive with the lambskin roller to ensure a uniform distribution and quantity of the adhesive. Lay the cut-to-size wall covering strips into the wet adhesive and press out any bubbles with the Fabric Smoother 1323. Avoid adhesive contamination on the surface. Carefully remove any contaminations with a damp sponge.</p> <p>Application using a wallpaper pasting machine          Vitaglu 9003 is ready for use in wallpaper pasting machines. When pulling wall coverings through the machine, ensure that the adhesive is applied evenly without any flaws. Directly apply the wall covering to which glue has been applied in the wallpaper pasting machine. Longer soaking periods make application more difficult and should be avoided. Follow the instructions of the wallpaper manufacturer for all wall coverings. Further application is performed as described above.</p> <p>Follow the instructions on the data sheets of the following products for information on gluing: Xtra Nonwoven 1725, Rapid Nonwoven 1525, Light Nonwoven 130 and Light Nonwoven Pro 130, Relief 3490, CreaGlas Fabric Profession cg20 and CreaGlas Fabric VG cg21. The characteristic “Completely strippable when dry” can only be achieved with textured nonwoven wallpaper by gluing with paste.</p>
<b>Consumption</b>	<p>150–200 g/m<sup>2</sup> depending on the wall covering.          For gluing smooth nonwoven wall coverings, e.g. CreaGlas Nonwoven VG 1000 and 1001, Xtra Nonwoven 1725, Rapid Nonwoven 1525 as well as Light Nonwoven 130 and Light Nonwoven Pro 130, approx. 150 g/m<sup>2</sup>.          Approx. 160 g/m<sup>2</sup> for gluing wall coverings with smooth backs such as rough nonwoven, textured nonwoven wallpaper and Relief 3490.          For gluing CreaGlas Fabric Profession and pre-primed CreaGlas Fabric VG in designs with a weight per unit area of up to 150 g/m<sup>2</sup>, approx. 150–200 g/m<sup>2</sup>.          Determine the exact consumption by means of a test application on the object to be coated.</p>
<b>Application temperature</b>	Do not apply if air or object temperature is below +8°C. Ideal air and object temperature for application: +15°C to +25°C.
<b>Tool cleaning</b>	Clean tools with water immediately after use.

## Use

### Spray data

Spray system	Nozzle <sup>2)</sup>	Spray angle	Pressure	Thinning
Airless <sup>1)</sup>	0.019–0.021 Inch	40°–50°	180–200 bar	Generally unthinned

<sup>1)</sup> With suitable, powerful airless devices, such as Wagner Airless Emulsion Spray Pack SF 33 Plus 3348, Brillux ProSpray 39 Select 3494 or Wagner HeavyCoat Spray Pack HC 950 E SSP 3482.

<sup>2)</sup> For optimum spray application, we recommend using the HEA ProTip Nozzle 519 green 3336. When using other airless nozzles, check the application properties in advance.

### Drying (+20 °C, 65 % relative humidity)

After the glue coating has dried, the smooth nonwoven wall coverings or object fiber glass fabric are additionally applied to the surface.

### Storage

Sealed containers should be stored in a cool and frost-free place for up to 5 years. Reseal opened containers tightly and use material within a few days of opening.

### Declaration

**Note** Do not inhale spray mist.

**Product code** D1  
Comply with the specifications in the current safety data sheet.

### Coating build-up

**Substrate preparation** The substrate must be level, solid, dry, clean, load-bearing and free from efflorescence, sintered layers, separating agents, corrosion-promoting components or other intermediate layers affecting adhesion. Check the suitability, load-bearing capacity and adhesive properties of existing coatings. Remove defective and unsuitable coatings completely and dispose of them in accordance with the applicable regulations. Rinse off reversible, water-sensitive coats (e.g. distemper). Wash down intact coats of oil paints and enamels with an alkaline solution, sand well and clean. Remove any wall coverings including paste residue and paper waste. Treat replastered areas with a fluorine primer. Smooth out coarse substrates, damage or similar with products such as Vitafill 9001. Apply a prime and/or intermediate coat to the substrate as required. See also VOB Part C, DIN 18363 and 18366, Section 3 of each.

Gluing and coating – free from preservatives

Substrates	Primer	Filling and priming <sup>3)</sup>	Gluing <sup>4)</sup>	Coating <sup>5)</sup>
Gypsum plasterboard, gypsum plasterboard wall panels, gypsum fiber board Filled	Optionally <sup>2)</sup> Vitabase 9002	If necessary, 1–2x with products, such as Vitafill 9001 and priming with Vitabase 9002	nonwoven wall coverings and fiberglass fabric (up to 150 g/m <sup>2</sup> ) as well as wall coverings with smooth backing, e.g. wallpaper, rough nonwoven, structured nonwoven wallpaper and Relief 3490, bonded with Vitaglu 9003	Depending on the degree of exposure, requirements and the degree of gloss, emulsion paint without preservatives. For nonwoven wall coverings and object fiberglass fabric with at minimum wet-abrasion resistance R-class 2 in accordance with EN 13300
Gypsum plaster <sup>1)</sup>				
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar <sup>1)</sup> ), concrete, plan stone masonry, matt emulsion color coating				
Smooth, non-absorbent and glossy substrates, e.g. intact, gloss emulsion paint coats, oil and enamel paint	Adhesion Primer 3720			
NE metals or plastics	2K-EP Varioprimer 865 or 2K-EP Varioprimer S 864			

<sup>1)</sup> Minimum compressive strength > 2.0 N/mm<sup>2</sup> (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

<sup>2)</sup> Where necessary, if there is no further filling on the surface.

<sup>3)</sup> The requirement and the scope of a filling is dependent on the expectations on the final surface finish. For smooth, even surfaces the substrate should usually at minimum meet surface quality category Q3 for gypsum plaster or gypsum plasterboard substrates. All other substrates must be prepared on the basis of this quality category.

<sup>4)</sup> We recommend using water-diluted CreaGlas Fabric Adhesive 377 for bonding CreaGlas Nonwoven VG on surfaces with higher requirements for wet adhesiveness, such as on ceiling surfaces.

<sup>5)</sup> For creating an uniform surface appearance, particularly in critically illuminated areas, coats must consistently be applied wet on wet and with an even layer.

## Notes

<b>Coating build-up free from preservatives</b>	Exclusively use Vitabase 9002, Vitafill 9001 and top coats free from preservatives to guarantee a coating build-up free from preservatives.
<b>Gypsum fillers on gypsum plasterboard</b>	Gypsum filler recommended by gypsum plasterboard manufacturers may be particularly sensitive to humidity leading to swelling, formation of blisters and even chipping (also see data sheet 2 entitled "Filling gypsum plasterboards in surface quality" from Bundesverband der Gips- und Gipsbauplattenindustrie e.V. (Trade Association of the German Gypsum, Industry)). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.
<b>Adhesive application and distribution</b>	When applying glue, ensure the right amount is applied, and that it is applied evenly. Applying too much adhesive may cause residue and associated unsightly defects to the surface appearance as well as seam marks caused by exposed seams caused during drying.
<b>Further information</b>	Follow the instructions on the data sheets of the products used.

## Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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