

Vitaglue 9003

Emulsion adhesive that is free from preservatives, ready to apply, for nonwoven wall coverings and object fiberglass fabrics, for interior use



Field of application

For gluing nonwoven cellulose or glass-based wall coverings and fiberglass fabrics with a weight per unit area of 150 g/m² in the interior. Can also be used for gluing wall coverings with a smooth backing such as woodchip wallpaper, rough nonwoven, textured nonwoven wallpaper and Relief 3490. On load-bearing substrates, e.g. filled interior plaster, concrete, gypsum plasterboard, intact emulsion paint coats.

Properties

- Free from preservatives and thus suitable for allergy sufferers
- Low-emission, solvent and plasticizer-free
- For interior use
- Ready for use in wallpaper pasting machines
- With good initial adhesion and long open time
- Good spreadability for roller and spray application
- Transparent drying
- Diffusible

Material description

Color shade	Dries transparently
Degree of gloss	Matt
Base material	Polymer emulsion
Density	Approx. 1.02 g/cm ³
Packaging	18 kg

Thinning	Generally not necessary because it is ready for use. Dilute by up to maximum of 5% with water, as required.
Tinting	Do not tint.
Compatibility	Do not mix with other types of materials.
Application	<p>Roller and spray application</p> <p>For gluing Vitaglu 9003 wall coverings to an area as wide as 2–3 wallpaper strips immediately and uniformly to the substrate using 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 contamination with a damp sponge.</p> <p>Application using a wallpaper pasting machines</p> <p>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 the application more difficult and should be avoided. Follow the instructions of the wallpaper manufacturer for all other wall coverings. The further application procedure is performed as described above.</p> <p>Follow the instructions on the data sheets of the following products for information on gluing (depending on the wall covering): 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 property of being "Completely strippable when dry" can only be achieved with textured nonwoven wallpaper by gluing with paste.</p>
Consumption	<p>150–200 g/m² depending on the wall covering.</p> <p>For gluing nonwoven wall coverings, e.g. CreaGlas Nonwoven VG 1000 and 1001, Xtra Nonwoven 1725, Rapid Nonwoven 1525, Light Nonwoven 130 and Light Nonwoven Pro 130, approx. 150 g/m².</p> <p>For gluing wall coverings with a smooth backing such as woodchip wallpaper, rough nonwoven, textured nonwoven wallpaper and Relief 3490, approx. 160 g/m².</p> <p>For gluing CreaGlas Fabric Profession and CreaGlas Fabric VG in designs with a weight per unit area of up to 150 g/m², approx. 150–200 g/m².</p> <p>Determine the exact consumption by means of a test application on the object to be coated.</p>
Application temperature	Do not apply if air or object temperature is below +8°C. Ideal application at +15 °C to +25 °C air and object temperature.
Tool cleaning	Clean tools immediately after use with water.

Spray data

Spray system	Nozzle	Spray angle	Pressure	Thinning
Airless	0.019–0.021 Inch	40°–50°	180–200 bar	Generally unthinned

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

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

Storage

Store in a cool and frost-free place. Reseal opened containers tightly.

Declaration

Note Do not inhale spray mist.

Product code BSW10
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 existing coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly, and dispose of them in accordance with the applicable regulations. Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand well and clean. Completely remove any wall coverings, including any paste or wall-glue residue. Treat replastered areas with a fluorine primer correctly. 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. Also refer to VOB Part C, DIN 18363 and 18366, Paragraph 3 in each case.

Gluing and coating – free from preservatives

Substrates	Primer	Filling and priming ³⁾	Gluing ⁴⁾	Coating ⁵⁾
Gypsum plasterboard, gypsum plasterboard wall panels, gypsum fiber board Filled	Optionally ²⁾ Vitabase 9002	If necessary, 1–2x with products, such as Vitafill 9001 and priming with Vitabase 9002	nonwoven wall coverings and object fiberglass fabric (up to 150 g/m ²) as well as wall coverings with smooth backing, e.g. woodchip 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 class 2 in accordance with DIN EN 13300
Gypsum plaster ¹⁾				
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar ¹⁾), 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 ELF 3720			
NE metals or plastics	2C Epoxy Varioprimer 865 or 2C Epoxy Varioprimer S 864			

¹⁾ Minimum compressive strength > 2.0 N/mm² (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

²⁾ Where necessary, if there is no further filling on the surface.

³⁾ 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.

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

⁵⁾ 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

Coating build-up free from preservatives

Exclusively use Vitabase 9001, Vitafill 9001 and top coats free from preservatives to guarantee a coating build-up free from preservatives.

Gypsum fillers on gypsum plasterboard

The gypsum fillers recommended by gypsum plasterboard manufacturers can be particularly susceptible to moisture, which can result in swelling, bubble formation, and flaking (see also Data Sheet 2 "Filling of gypsum plasterboards, surface qualities" Trade Association of the German Gypsum Plasterboard and Wallboard Industry). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.

Adhesive application and distribution

Make sure you apply the correct quantity of adhesive and uniformly distribute it during application. Applying too much adhesive can result in adhesive deposits, causing disruptions in the surface appearance as well as seam markings due to open seams that arise in the course of drying.

Further information

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.

Brillux
Weseler Straße 401
48163 Münster
GERMANY
Phone +49 251 7188-0
Fax +49 251 7188-105
info@brillux.de
www.brillux.com