

# Capaver® Glasgewebe Glass Fabrics VB



Pre-coated glass fabrics (white pigmented). Impregnated wall coverings made of natural raw materials for use on high traffic internal walls.

## Product Description

### Field of Application

Capaver glass fabrics provide for highly attractive, high-grade and individual wall surfaces, due to variations in texture, type, colour shade, gloss level and application technique of topcoats. In accordance with the expected degree of stress or desired visual appearance, all fabrics may easily be coated with suitable paint products and economic renovations are possible, due to individual needs.

### Product Properties

- Pre-coated in white.
- Homogeneous, distinctively textured appearance.
- High strength in wet conditions and safe application.
- Non-swelling, rot proof, dimensionally stable.
- Covers small surface cracks (crack bridging).

### Product Base / Vehicle

Pre-coated Capaver glass fabrics (VB\* type) are made of purely mineral glass fibre yarns.  
\*VB German term: vorbeschichtet = pre-coated

### Types that can be delivered

Type	Texture	Weight per m <sup>2</sup>	Roll Size	Pattern Repeat
1100 VB	fine	approx. 140 g	50 x approx. 1 m	
1132 VB	medium-fine	approx. 160 g	50 x approx. 1 m	
2120 VB	medium stripe	approx. 185 g	25 x approx. 1 m	
2165 VB	herringbone, medium	approx. 200 g	25 x approx. 1 m	-> <- 1.6 cm
2170 VB	coarse	approx. 185 g	25 x approx. 1 m	
2180 VB	double chain, coarse	approx. 205 g	25 x approx. 1 m	
2410 VB	medium	approx. 200 g	25 x approx. 1 m	
2440 VB	diagonal, medium	approx. 180 g	25 x approx. 1 m	-> <- 1.6 cm
2460 VB	rhomb, medium	approx. 195 g	25 x approx. 1 m	-> <- 9.2 cm
3185 VB	double-chain, extra coarse	approx. 245 g	25 x approx. 1 m	

### Packaging/Package Size

See table above. Selectable unit: One carton per roll.

### Storage

Store Capaver glass fabrics in a dry place.

### Technical Data

- Mass per unit area: Surface weight / See table above (Weight per m<sup>2</sup>).

### Supplementary Product

- Capaver CapaColl GK (adhesive/glue)



Note	<p>Capaver glass fabrics (VB) are composed of glass fibres with a diameter &gt; 5 µm, particles of that size cannot enter the respiratory tract. Although the fibres are highly bonded in the fabric, a limited amount of glass particles may be released when cutting the fibres/glass fabrics. This may cause itching of skin to people with a sensitive skin, during application, but will fade away after bonding. Capaver glass fabrics do not release any glass fibres after being coated.</p> <p>The inner structure of the yarns leads, in combination with an eco-friendly dressing, to a high wet strength, compact fabric surface, high ductility and skin tolerance during application.</p> <p>The products are pre-coated in white and normally need only one finishing coat, when matt/silk-matt paints in white or bright colours are used.</p>
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## Application

Substrates	Interior surfaces: Mineral renders/plasters in mortar groups/classes PI (lime plaster), PII (lime-cement mortars) and PIII (cement mortars), PIV (gypsum mortar and ready-mixed gypsum render/plaster), sandwich type plaster boards/gypsum plaster boards, gypsum wallboards, concrete.
Substrate Preparation	The substrate must always be solid, dry, sound/stable, clean, even and free from all materials that may prevent good adhesion. Follow Technical Information No. 860. In Germany: Follow VOB, part C, DIN 18366, paragraph 3. Lower temperature limit for application and drying: +5 °C (product, substrate and ambient air). Further details: See Technical Information No. 650.
Method of Application	<p><b>Application of Adhesive (Glue)</b></p> <p><b>Roller Application:</b></p> <ul style="list-style-type: none"> <li>■ Apply Capacoll GK evenly with a paint roller (18 mm piles), but only for 1-2 fabric lengths, depending on the temperature on site.</li> <li>■ Note: Agglomeration of adhesive (glue) must be avoided to achieve a uniformly textured surface.</li> </ul> <p><b>Spray Application:</b></p> <ul style="list-style-type: none"> <li>■ A minimum of 3 workmen on the job is required.</li> <li>■ The Airfix type of Capacoll GK can directly be applied to the wall with powerful airless equipment.</li> <li>■ Note: The material of standard buckets should be diluted with 20 % of tap (potable) water, depending on the conditions on site.</li> <li>■ Important: It is suggested to observe the recommended material consumption and to spread the adhesive evenly, avoiding a surplus of applied product.</li> <li>■ Advice: Detailed information concerning the spray application of Capacoll GK are given within our German manual „#843604 Handbuch der Spritztechnologie“.</li> </ul> <p><b>Wallpaper Bonding Equipment:</b></p> <ul style="list-style-type: none"> <li>■ The Airfix type of Capacoll GK is eminently suitable for use with wallpaper bonding equipment. Standard product Capacoll GK should be diluted 20 %.</li> </ul> <p><b>Bedding/Bonding of Glass Fabrics &amp; Fleeces</b></p> <ul style="list-style-type: none"> <li>■ The reverse side of the roll is marked and has to be bonded to the wall. To avoid differences of appearance in texture/pattern, always place the fabrics running in one direction and not laterally reversed.</li> <li>■ Capaver glass fleeces (glass non-woven) are to be bonded with butt joints (double seam cut is possible for technical fleeces).</li> <li>■ <b>Note:</b> Provide for narrow butt joints, but the forming of bulges must be avoided to achieve a proper visual appearance.</li> <li>■ <b>Important:</b> The horizontal run of yarns (weft yarns) within joining lengths should match at eye level, avoiding an unintentional "zipper" effect.</li> <li>■ Some fabric &amp; fleece types have a pattern repeat, which must be considered for bonding.</li> <li>■ Press the bonded fabric lengths void-free with sufficient pressure to the full surface using wallpaper scraper or pressure roller. Fix the edges and cut of the excess length with a wallpaper scraper.</li> <li>■ <b>Hint:</b> For bonding glass fibres and fleeces on external corners, the length must pass around it for minimum 10 cm. Stiff types: Sand the fibres on edges with a wet sanding pad type P320 (but only a little and very carefully; do not sand through the material) to induce a better pliability and press on.</li> </ul>

Surface Coating System

**Intermediate Coat:**

The intermediate coat forms the basis to achieve a perfect finishing coat. The intermediate coat can only be applied when adhesive and glass fabric are completely dry.

**Finishing Coats:**

Selection of suitable products for finishing coats is depending on the degree of expected loads and desired gloss level. See table below.

Loads	Finishing Coat	Work Steps	Gloss Level	Load Capacity
NORMAL	CapaTrend Malerit E.L.F. Sylitol Bio- Innenfarbe	1	Matt	- Wet scrub resistance class 3 according to DIN EN 13 300
NORMAL- MEDIUM	CapaMaXX MattLatex CapaSilan NespriSilan	1	Matt	- Wet scrub resistance class 2 according to DIN EN 13 300
	Indeko-plus	1	Matt	- Wet scrub resistance class 1 according to DIN EN 13 300
MEDIUM- HIGH	Amphibolin Latex Samt 10	2	Silk matt	- Wet scrub resistance class 1 according to DIN EN 13 300 - Resistant to aqueous disinfectants
	SeidenLatex	2	Silk gloss	- Wet scrub resistance class 2 according to DIN EN 13 300 - Resistant to aqueous disinfectants
HIGH	PremiumClean	2	Silk matt	- Wet scrub resistance class 1 according to DIN EN 13 300 - Resistant to aqueous disinfectants
	Latex Satin 20 Latex 201 SG	2	Silk gloss	- Wet scrub resistance class 1 according to DIN EN 13 300 - Resistant to aqueous disinfectants
	Latex Gloss 60	2	Gloss	- Wet scrub resistance class 1 according to DIN EN 13 300 - Resistant to aqueous disinfectants
EXTREMELY HIGH	Disbopox 447 E.MI Wasserepoxid	2	Silk gloss	- Wet scrub resistance class 1 according to DIN EN 13 300 - Highly scratch- and shock-resistant - Resistant to disinfectants - Chemical-resistant - Decontaminable according to DIN 25 415

Drying/Drying Time

Allow bonded fabric lengths to dry thoroughly before any further coating.

Note

Capaver wall coverings are thoroughly inspected by the manufacturer. In exceptional cases isolated production related weaving faults may occur. These faults are marked at the trimmed edges and correspondingly compensated. They do not entitle to any objection. While cutting the fabrics, ascertain whether there are no weaving faults.

Claims based on material faults cannot be objected after the application of more than 10 fabric lengths.

On principle the marked interior side of a roll has to be bonded to the wall. The outer side of the roll is the visible face. To avoid differences of appearance in texture/pattern, always place the fabrics running in one direction and not laterally inverted. In case of complaint the label with the batch and product numbers must be kept ready.

Advice

German Certificates

- Flame-retardancy according to German standard DIN 4102, B1
- Non-combustibility according to German standard DIN 4102, A2
- Decontaminability in combination with Disbopox 447 E.MI Wasserepoxid

Fire behaviour classification associated with Capaver Glasgewebe / Glass Fabrics VB	
Coating	Fire behaviour class
CapaTrend	A2
Malerit E.L.F.	A2
CapaMaXX	A2
MattLatex	A2
Indeko-plus	A2
CapaSilan	A2
Syllitol Bio-Innenfarbe	A2
Latex Samt 10	A2
Latex Satin 20	A2
Latex Gloss 60	A2
Amphibolin E.L.F.	A2
Nespri®Silan	B1
SeidenLatex	B1
SG201	B1
PremiumClean	B1
Disbopox 447 E.MI Wasserepoxid	B1

German test certificates for the corresponding products are available via [www.caparol.de](http://www.caparol.de)

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.  
In Germany: Dispose Capaver glass fabrics as construction site waste.

Technical Assistance

As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries.  
We will describe appropriate working methods, if a substrate not specified above is to be coated.

Customer Service Centre

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No. 854 · Capaver® Glasgewebe  
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