

Capaver® AkkordVlies G130/190VB



Pre-coated glass fleeces (white pigmented) for interior renovation works. Made of natural raw materials. Suitable for bridging shrinkage and drying cracks.

Product Description

Field of Application

Capaver glass fleeces 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 materials and economic renovations are possible, due to individual needs.

Product Properties

- Easy to renovate: Recoatable without any pre-treatment.
- Non-swelling, rot proof, dimensionally stable.
- Crack bridging.
- Eco-friendly dressing.
- Highly moisture resistant.
- Fire behaviour classification according to German standard DIN 4102: Either A2 "nicht brennbar" (non-combustible) or B1 "schwerentflammbar" (flame-retardant/of low flammability), depending on the applied coating.

VB type glass fleeces are pre-coated in white on both sides and normally require only one finishing coat, if matt/silk-matt, white or bright colours are used.

Product Base / Vehicle

Capaver glass fleeces (glass fiber non-wovens) are made of specially developed, purely mineral glass yarns.

Types that can be delivered

Type / Product Name	Texture	Weight per m ²	Roll Size
AkkordVlies G130 VB	fine-medium	Approx. 130 g	50 x approx. 1 m
AkkordVlies G190 VB	fine-medium	Approx. 190 g	25 x approx. 1 m

Packaging/Package Size

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

Storage

Keep Capaver glass fleeces in a dry place.

Technical Data

- Mass per unit area: Surface weight / See table above (Weight per m²).

Supplementary Product

- Capaver CapaColl VK
- Capaver CapaColl GK

Note

Capaver glass fleeces are composed of glass fibres with a diameter > 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 fleeces. This may cause itching of skin to people with a sensitive skin, during application, but will fade away after bonding. Capaver glass fleeces do not release any glass fibres after being coated.



The inner structure of the yarns leads, in combination with an eco-friendly dressing, to a high wet stability, compact fabric surface, high ductility and skin tolerance during application.

Dynamic cracks in the substrate cannot be removed (durably bridged) with both types of Capaver glass fleeces.

Application

Suitable Substrates	Interior surfaces: Mineral renders/plasters of 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 (drywalls), gypsum wallboards, concrete.
Substrate Preparation	The substrate must always be solid, dry, sound/stable, clean, even and free from all substances 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).
Method of Application	<p>Adhesive (Glue):</p> <p>Roller Application:</p> <ul style="list-style-type: none"> ■ Apply CapaColl VK or GK evenly with a roller (18 mm piles), but only for 1 - 2 lengths, depending on the temperature on site. ■ Note: Agglomeration of adhesive (glue) must be avoided to achieve a uniformly textured surface. <p>Spray Application:</p> <ul style="list-style-type: none"> ■ A minimum of 3 workmen on the job is required. ■ CapaColl VK can directly be applied to the wall with suitable airless equipment. ■ Dilute CapaColl GK with 20 % of tap (potable) water, depending on the conditions on site. ■ Important: It is suggested to observe the recommended material consumption and to spread the adhesive (glue) evenly, avoiding a surplus of applied product. ■ Advice: Detailed information concerning the spray application of CapaColl are given within our German manual #843604 Handbuch der Spritztechnologie. <p>Wallpaper Bonding Equipment / Pasting Machine:</p> <ul style="list-style-type: none"> ■ CapaColl VK is excellently suitable for use with wallpaper pasting machines. ■ CapaColl GK should be diluted 20 % with tap (potable) water. <p>Bedding/Bonding of Glass Fabrics and Fleeces</p> <ul style="list-style-type: none"> ■ The reverse side of the roll is marked (if provided) and has to be bonded to the wall. Always place the fabrics running in one direction and not laterally reversed in order to avoid differences of appearance in texture/pattern. ■ Glass fleeces are to be bonded with butt joints (double seam cut is possible). ■ Note: Provide for narrow butt joints, but the forming of bulges must be avoided to achieve a proper visual appearance. ■ Press the bonded 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. ■ Hint: For bonding glass fleeces on external corners, the length must pass around it for min. 10 cm. Forming outer corners is facilitated when using special plastic corner profiles, also enhancing the impact strength (e.g. customary profiles made by HoBus, DLW, Protector, etc.). Bonding is effected with suitable mounting adhesive, allowing to adjust the correct position. Height differences should be compensated with synthetic resin filling compound (do not use gypsum fillers), like Caparol-Akkordspachtel fine or medium or AkkordLeichtspachtel. Plastic profiles and repairs must always be primed with Caparol-Haftgrund.

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 (glue) and fleeces are completely dry, and should be tinted to match the finishing coat in shade. Capaver Gewebegrundierung should be used as a filling primer before applying non-filling (thin film) finishing coats of e.g. latex paint.

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	Premium Clean	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 lengths of glass fleeces 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 fleeces, ascertain whether there are no weaving faults.

Claims based on material deficiency cannot be objected after the application of more than 10 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 fleeces 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 AkkordVlies G 130/190 VB	
Coating	Fire behaviour class
CapaTrend	A2
Malerit E.L.F.	A2
CapaMaXX	A2
MattLatex	A2
Indeko-plus	A2
CapaSilan	A2
Sylitol 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.

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 and Fleeces 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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