

# Capaver® AkkordVlies G190 AA

White pigmented glass fleece for renovation, made of natural raw materials. Water-activatable (AA), pre-glued on the reverse side. 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 paints 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.
- 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.

### Product Base / Vehicle

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

### Types that can be delivered

Type / Product Name	Texture	Weight per m <sup>2</sup>	Roll Size
AkkordVlies G190 AA	fine-medium	Approx. 230 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 m<sup>2</sup>).

### 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.

Glass fleeces of Aqua Active (AA) type are pre-coated in white and therefore usually require only one finishing coat, when matt/silk-matt paints are applied and white or pastel shades are used. Nevertheless, a preliminary trial coating is advisable.

Dynamic cracks in the substrate cannot be durably bridged (removed) with Capaver AkkordVlies G190 AA.



## 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 renders/plasters), gypsum cardboards/pasterboards/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><b>For bonding Aqua Active glass fleece no adhesive (glue) has to be roller or spray applied to the substrate! Application is effected in a water bath tray/unit or in a suitable wallpaper pasting machine with conversion kit:</b></p> <ul style="list-style-type: none"> <li>■ In a first step fill the pasting machine with tap (potable) water.</li> <li>■ Then inlay the roll in conformity with technical manual and reset the counter (if available).</li> <li>■ After that draw the fabric through the unit in 2/3-1/3 method per length and fold it or directly bond to the wall.</li> <li>■ The adhesive (glue) is quickly self-activating and has reached the optimum adhesive power after approx. 1 minute.</li> <li>■ For application on ceilings a longer dwell time of 2 - 3 minutes is advisable.</li> <li>■ <b>Note:</b> Longer dwell times may lead to a difficult opening of lengths.</li> <li>■ Wall coverings with a dwell time of &gt;5 minutes must not be bonded.</li> <li>■ <b>Important:</b> As long as the adhesive (glue) has no contact to the wall surface, the substrate can be (even after drying) repeatedly reactivated with tap water.</li> </ul> <p><b>Bedding/Bonding of Glass Fabrics and Fleeces</b></p> <ul style="list-style-type: none"> <li>■ The reverse side of the roll is normally 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 (upside-down).</li> <li>■ Capaver glass fabrics should be bonded with butt joints. Double seam cut is only possible for very fine fabrics (e.g. 11 K/VB/AA or ModernWeb JQ), if necessary.</li> <li>■ For fleeces we highly recommend the butt joints, whereby double seam cut is possible for all glass fleeces.</li> <li>■ Provide for narrow butt joints, but the forming of bulges must be avoided to achieve a proper visual appearance.</li> <li>■ Press the bonded fleece 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 fleeces on external corners, the length must pass around it for minimum 10 cm.</li> </ul>
Surface Coating System	<p><b>Intermediate Coat:</b> 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 intermediate coat before applying non-filling (thin film) finishing coats of e.g. latex paints.</p> <p><b>Finishing Coats:</b> Selection of suitable products for finishing coats is depending on the degree of expected loads and desired gloss level. See the following table.</p>

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 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 (lengths), ascertain whether there are no weaving faults.

Claims based on material faults 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 G190 AA	
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](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 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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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. 909 · Capaver® AkkordVlies G190 AA · Issued: May 2012