

Application

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, 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. Minimum temperature for application and drying: +5 °C (product, substrate and ambient air).
Method of Application	<p>For bonding Aqua Active glass fabrics no adhesive (glue) has to be applied to the substrate! Application is effected in a water bath tray/unit or in a suitable pasting unit with conversion kit:</p> <ul style="list-style-type: none"> ■ Fill the unit with tap (potable) water up to the mark. ■ Then inlay the roll in conformity with technical manual and reset the counter (if available). ■ After that draw the fabric through the unit in 2/3-1/3 method per length and fold it. ■ The adhesive (glue) is quickly self-activating and has reached the optimum adhesive power after approx. 1-3 minutes, depending on the texture. The time varies depending on conditions on site (temperature and RH). ■ For application on ceilings a dwell time of 2 - 3 minutes is advisable. ■ Note: Longer dwell times may lead to a difficult opening of lengths and undesirable bonding of marginal areas. ■ Important: As long as the adhesive (glue) has no contact to the substrate, it can be (even after drying) repeatedly reactivated with tap water.

Bedding/Bonding of Glass Fabrics and Fleeces

- 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.
- Capaver glass fabrics should be bonded with butt joints.
- **Note:** Provide for narrow butt joints, but the forming of bulges must be avoided to achieve a proper visual appearance.
- **Important:** The horizontal run of yarns (weft yarns) within joining lengths should match at eye level, avoiding an unintentional zipper effect.
- Some fabric types have a pattern repeat, which must be considered for bonding.
- 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 fabrics 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.

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 fabrics/wall coverings are completely dry, and should be tinted to match the finishing coat in shade. It might be that an intermediate coat may be omitted for coats of matt, white paint, due to the pre-coating of AA types . This should preliminary be checked by a trial coating.

Finishing Coats:

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

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-resistant - Resistant to disinfectants - Decontaminable according to DIN 25 415

Application Conditions

Ensure proper use of the water wiper, when water bath units are used. A surplus of water on the fabric length may lead to exceeding swelling of adhesive/glue and diminished adhesion.

Drying/Drying Time

Allow bonded lengths of glass fabrics 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 (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 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 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

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. 892 · Capaver® Glasgewebe AquaAktiv · Issued: January 2012

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