

Capaver® ElementEffects

Uncoated, impregnated effect wall coverings made of natural raw materials for use on durable interior walls.



Product Description

Field of Application

Most recent designing of individual and durable wall surfaces is achievable with Capaver® ElementEffects in combination with hiding coats of paint or when using effect coatings. Capaver® ElementEffects glass fabrics provide for appealing, high-grade and individual wall surfaces, due to variations in texture, type, colour shade, gloss level and application technique of topcoats. In accordance with expected loads or desired visual appearance, all fabrics may easily be coated with suitable paints and efficient renovations are possible, due to individual needs.

Material Properties

- Individual design/pattern due to quartz print method.
- High strength in wet conditions and safe application.
- Rot proof.
- Dimensionally stable.
- Covers small surface cracks (crack bridging).

Material Base / Vehicle

Glass fabrics Capaver® ElementEffects are made of purely mineral glass yarns and quartz sand.

Types that can be delivered

Product	Texture	Weight/m²	Pattern Repeat
ElementEffects Block	fine	approx. 450 g	>I0
ElementEffects Circle	fine	approx. 290 g	> < 32 cm 0
ElementEffects Dot	fine	approx. 240 g	> < 64 cm 0
ElementEffects Fragment	fine	approx. 310 g	> < 64 cm 0*
ElementEffects Graphic	fine	approx. 350 g	> < 64 cm 0
ElementEffects Interval	fine	approx. 420 g	>I0
ElementEffects Line	fine	approx. 340 g	>I0
ElementEffects Matrix	fine	approx. 350 g	> < 64 cm 0
ElementEffects Pixel	fine	approx. 320 g	> < 64 cm 0
ElementEffects Universe	fine	approx. 330 g	>I0

*= can also be bonded seamless

Roll Size for all Types: 25 m x approx. 1 m



Packaging/Package Size	One carton per roll.
Storage	Store Capaver® ElementEffects wall coverings in a dry place.
Supplementary Product	<ul style="list-style-type: none"> ■ Capaver® CapaColl VK ■ Capaver® CapaColl GK ■ Capaver® Gewebegrundierung ■ Amphibolin / Metallocryl Interior ■ EffektGrund / CapaGold / CapaSilver (DE: CapaSilber) ■ Another wide range of coating materials out of the Caparol product range.
Note	<p>Capaver® ElementEffects wall coverings 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 fabrics. This may cause itching of skin to people with a sensitive skin (suggestion: take suitable protective measures), during application, but will fade away after bonding. The product does 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>

Application

Suitable Substrates	Interior surfaces: Mineral plasters in mortar groups/classes PI (lime plaster), PII (lime-cement mortars), PIII (cement mortars), PIV (gypsum mortar and ready-mixed gypsum plaster), gypsum cardboards, sandwich-type plaster boards/gypsum plasterboards, gypsum wallboards, concrete.
Substrate Preparation	<p>The substrate must be solid, dry, sound/stable, clean, even and free from all substances that may prevent good adhesion. Follow Technical Information No. 650.</p> <p>In Germany: Follow VOB, part C, DIN 18366 and 18363.</p> <p>Lower temperature limit for application and drying: +5 °C (product, substrate and ambient air).</p> <p>One hiding priming coat of Capadecor DecoGrund or Haftgrund must be applied very evenly before bonding Capaver® ElementEffects wall coverings.</p>
Method of Application	<p>Roller Application of Adhesive (Glue):</p> <ul style="list-style-type: none"> ■ Apply CapaColl GK (diluted 20 % with tap water) or CapaColl VK evenly onto the substrate in the width of max. 1 to 2 lengths, according to temperature conditions on site, using lambskin roller (18 mm piles). ■ Note! Adhesive/glue application must always be effected very thoroughly to achieve an even spreading without agglomerations which may diminish the surface appearance of applied wall coverings. <p>Application of Adhesive (Glue) with Suitable Spraying Equipment:</p> <ul style="list-style-type: none"> ■ A minimum of 3 workmen is required for efficient spray application. ■ CapaColl VK can directly be applied to the wall with airless spray equipment. ■ CapaColl GK should be diluted with 20 % of tap (potable) water, depending on conditions on site. <p>In Germany: Detailed information concerning spray application of CapaColl VK/GK is given in a special manual "Handbuch der Spritztechnologie" or via "Spritzdatenblatt" (see www.caparol.de).</p> <p>Bedding/Bonding:</p> <ul style="list-style-type: none"> ■ To avoid differences of appearance in texture/pattern, always place the fabrics running in one direction and not laterally reversed. ■ ElementEffects should be bonded with butt joints. Observe pattern repeat, when specified. ■ 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 rubber roller. Fix the edges and cut of the excess length with a wallpaper scraper. ■ For bonding on vertical outer corners, the length must pass around it for min. 10 cm. ■ For non-vertical outer corners, the fabrics must be cut at the corner. Forming outer corners is facilitated when using special plastic corner profiles, also enhancing the impact strength (e.g. Protector 3790 or 3840). Bonding is effected with suitable mounting or contact adhesive. Height differences should be compensated with synthetic resin filling compound Akkordspachtel fine or medium or AkkordLeichtspachtel (do not use gypsum fillers). Plastic profiles and repairs must always be primed with Capadecor DecoGrund or Haftgrund before applying the wall covering.
Surface Coating System	<p>Intermediate Coat:</p> <p>The intermediate coat forms the basis to achieve a perfect finishing coat and can only be applied when the wall covering is completely dry. The intermediate coat must be effected matching the requirements of finishing coat.</p> <p>Finishing Coat:</p> <p>Selection of suitable products for finishing coats is depending on the degree of expected loads and desired gloss level. See the following table for further information. Always apply wet-on-wet (also in trimming areas).</p>

Loads	Intermediate Coat		Finishing Coat		Gloss Level
	Product	Work Steps	Product	Work Steps	
NORMAL	CapaTrend Malerit E.L.F. Sylitol Bio- Innenfarbe	1	CapaTrend Malerit E.L.F. Sylitol Bio- Innenfarbe	1	Matt
NORMAL– MEDIUM	CapaMaXX MattLatex CapaSilan NespriSilan	1	CapaMaXX MattLatex CapaSilan NespriSilan	1	Matt
	Indeko-plus	1	Indeko-plus	1	Matt
MEDIUM– HIGH	Amphibolin Latex Samt 10	1	Amphibolin Latex Samt 10	1	Silk matt
	SeidenLatex	1	SeidenLatex	1	Silk gloss
	Metallocryl Interior	1	Metallocryl Interior	1–2 depending on colour shade	Gloss
	EffektGrund	1–2 depending on colour shade	CapaGold/ CapaSilver	2	Silk gloss
HIGH	PremiumClean	1	PremiumClean	1	Silk matt
	Latex Satin 20 Latex 201 SG	1	Latex Satin 20 Latex 201 SG	1	Silk gloss
	Latex Gloss 60	1	Latex Gloss 60	1	Gloss
EXTREMELY HIGH	Disbopox 447 E.MI Wasserepoxid	1	Disbopox 447 E.MI Wasserepoxid	1	Silk gloss

Product	Load Capacity
CapaTrend Malerit E.L.F Sylitol Bio-Innenfarbe	- Wet scrub resistance Class 3 according to DIN EN 13300
CapaMaXX MattLatex CapaSilan NespriSilan SeidenLatex	- Wet scrub resistance Class 2 according to DIN EN 13300 - Resistant to aqueous (water based) disinfectants
Indeko-plus Amphibolin Latex Samt 10 PremiumClean Latex Satin 20 Latex 201 SG Latex Gloss 60 Metallocryl Interior CapaGold*/CapaSilver*	- Wet scrub resistance Class 1 according to DIN EN 13 300 - Resistant to aqueous (water based) disinfectants
Disbopox 447 E.MI Wasserepoxid	- Wet scrub resistance Class 1 according to DIN EN 13 300 - Resistant to aqueous (water based) disinfectants - Increased scratch- and shock-resistance - Chemical-resistant - Decontaminable according to DIN 25415

*Not tested for resistance to disinfectants.

Further details: Follow the corresponding Technical Information, available for each coating material.

Drying/Drying Time

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

Note

The inner 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 reversed.
The wear of cutter blade is increased due to the quartz content.

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 faults cannot be objected after the application of more than 10 lengths. In case of complaint the label with the batch and product numbers must be kept ready (see original carton).

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® ElementEffects	
Coating	Reaction to fire: 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.876 - Capaver® ElementEffects - Issued: December 2015