

Capadecor Capaquarz

Quartz-coated, textured, mineral glass fleece

Product Description

Field of Application:

Predominantly mineral wall-covering with quartz-coated, textured surface, for the interiors. By combination of the types/patterns with shade and gloss level of the coating material, exclusively attractive wall-surfaces can be created.

Special Feature:

Only by using thin-filmed coating material and semi-transparent wall glaze/scumble, an attractive effect emerges in the form of light-dark and matt-glossy.

Material:

Capadecor Capaquarz consist of glass fleece (non-woven material) with quartz sand coating. The glass fleece is made of purely mineral glass fibres with a diameter > 5 µm and has no effects on the lungs. Coated Capadecor Capaquarz materials release no glass fibres.

Properties:

- non-swelling and rot-proof
- dimensionally stable
- bridges/covers small surface cracks
- depending on the system of application:
 - wet abrasion class 1 or 2
 - allows cleaning
 - of low flammability to DIN 4102, B1
 - increases the scrap, shock and impact resistance levels
 - permits diffusion / sorption
- Cost-saving, repeated renovations are possible by recoating. When a fundamental change is desired after many renovations, a coatable surface can be prepared with surfacers Caparol-Akkordspachtel, fine and medium types.

Types / Patterns:

Arkade	approx. 345 g/m ²
Atrium	approx. 490 g/m ²
Basilika	approx. 350 g/m ²
Forum	approx. 455 g/m ²
Fries	approx. 350 g/m ²
Galerie	approx. 320 g/m ²
Kaskade	approx. 410 g/m ²
Kontur	approx. 405 g/m ²
Kristall	approx. 320 g/m ²
Portal	→ ← 63 cm approx. 350 g/m ²
Refugio	approx. 500 g/m ²
Relief	approx. 390 g/m ²
Terra	approx. 480 g/m ²
Villa	approx. 365 g/m ²

Except the types "Kontur", "Forum" and "Portal", all types can be applied without lapping.

Roll-Size: 25 m x approx. 1 m.

Packaging Unit: 1 roll per carton, 24 rolls per pallet (= 600 m²).

Storage:

Store Capadecor Capaquarz in a dry place.

Application

The substrate must always be smooth, even, of low absorbency, sound, dry, clean, free from all materials that may prevent good adhesion and free of colour contrast.

Apply a priming coat with Caparol-Haftgrund / Caparol Primer Interior (WE2). Observe the recommendations of VOB, Part C, DIN 18 366, Paragraph 3 and our Technical Information No. 860.

The way of substrate preparation is depending on existing substrates and their condition.



Application

Materials for Bedding and Coating:

Capadecor Capaquarz and the system materials for bedding and coating are optimally compatible.

Adhesive:

Capacoll GK

Solvent-free, dispersion-based adhesive, easy to apply, with high initial adhesion and a sufficiently long exposure-time for bonding Capadecor Capaquarz wall-coverings. (The substrate should not be too highly absorbent.)

Cutting:

While cutting the sheets of fleece, ascertain whether there are no faults. Claims based on material faults raised after the application of more than 10 sheets (webs) will not be accepted.

Before bonding, the material should be cut to the required length.

Observe pattern repeat for the types "Portal", "Kontur", and "Forum".

Tools:

- Steel ruler and cutting knife for flush trimming at ceilings, fittings, doors, windows, plug sockets, switches, etc., and for double seam-cuttings, if required.
- Lambskin paint roller, length of fleece/nap approx. 12 – 15 mm, for the application of the adhesive. Wipe-off tool.
- Plummet to adjust the vertical position of the sheets (webs) exactly.
- Foam-rubber roller to press onto the sheets.
- Abrasion-free plastic scraper (spatula) for pressing on interior edges.
- Brushes for the application of semi-transparent glaze/scumble coats, e.g. oval-formed brushes.

Bonding

Apply undiluted Capacoll GK saturated and uniformly with a lambskin roller in the width of two sheets (webs). Bed the glass-fleece immediately into the adhesive by softly pressing with a **foam-rubber roller** avoiding bubbles.

Consumption of Adhesive:

approx. 250 g/m²

Note: Remove all overflowing adhesive from the seam-area immediately with plenty of clean water.

In the area of interior corners the fleece should not overlap (cut-off precisely). On exterior edges apply Capaquarz for at least 10 cm around the edge – exactly vertically positioned and in alignment – to guarantee flush joining of the adjacent sheet (web) of fleece.

The use of special plastic profiles will facilitate the forming of exterior edges and enhance the impact strength.

Standard rails/profiles are recommended as mentioned below:

- HoBus edge profile
- DLW edge profile
- Protector edge profile

(Please observe corresponding regulations of the manufacturer.)

Bond with special adhesives for mounting, assuring the possibility of adjustment.

Equalise different levels with dispersion-based fillers (gypsum fillers are unsuitable).

The use of Caparol Akkodspachtel fine- or medium-type or AkkodLeichtspachtel is recommended.

On principle prime plastic profiles and repairs with Caparol-Haftgrund / Caparol Primer Interior (WE2).

System of application and selection of suitable finishing materials depend on the requirements for gloss level and the degree of stress the coating will be exposed to.

Finishing Coats:

Semi-Transparent Glaze/Scumble Coats

Maximum contrast is achieved by using Caparol glaze coats. We recommend the use of tinted Deco-Lasur matt or glossy and Sylitol Antik-Lasur.

These materials are to be **diluted up to 15%** before application.

For Sylitol Antik-Lasur use for thinning (15%) a mixture of Sylitol-Konzentrat and water in a 2 : 1 ratio. If Deco-Lasur glossy is used, two coats are required to achieve a glossy effect.

Consumption per Coat:

- Deco-Lasur matt, approx. 140 ml/m²
- Deco-Lasur glossy, approx. 140 ml/m²
- Sylitol Antik-Lasur, approx. 140 ml/m²

The exact rate of consumption is best established by a trial application.

The selected tone of glaze/scumble coat varies after application onto the white-grey surface of Capaquarz. Therefore a preliminary test application is recommended.

Hiding/Covering Coats

For covering coats use exclusively thin-film paints, e.g. Latex Samt 10, Latex Satin 20, Caparol SeidenLatex (WE1: CapaTex Satin / WE2: Caparol Seda), Latex Gloss 60, Amphibolin, Capadecor Alucryl or Capacryl acrylic enamels. Matt finishes are only limited suitable.

To achieve the desired matt-gloss effect a second coat is required.

The used paint materials must be thinned for at least 30% with tap (potable) water.

Trimming of limiting surfaces must always be done wet-on-wet.

Consumption per Coat:

- Latex Samt 10, approx. 120 – 140 ml/m²
- Latex Satin 20, approx. 120 – 140 ml/m²
- Caparol SeidenLatex, CapaTex Satin, Caparol Seda, approx. 120 – 140 ml/m²
- Latex Gloss 60, approx. 120 – 140 ml/m²
- Amphibolin, approx. 120 – 140 ml/m²
- Capacryl acrylic enamels, approx. 120 – 140 ml/m²
- Capadecor Alucryl, approx. 125 ml/m²

The exact rate of consumption is best established by a trial application.

For exact application observe labels and Technical Information of the respective bedding and coating materials.

Minimum Temperature for Application and Drying Period:

5 °C for material, substrate and surrounding air.

Drying Time:

At +20 °C and 65% relative humidity surface-dry after approx. 4 – 6 hours. Lower temperatures and higher relative humidity will lengthen the drying process.

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: Capadecor Capaquarz should be disposed of as construction-site waste.

Advice

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.

For international distribution see www.caparol.com

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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 Technical Information is a translation of the German Technical Information No. 881 Capadecor Capaquarz, release date: February 2005

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