

Capadecor Magic-Glass

Smooth glass fleece with white pattern, to be coated with wall glazes.

Product Description

Field of Application:

Predominantly mineral wall-covering with a smooth, white-pattern surface, for the interiors. Only suitable to be coated with wall glazes (scumble coats).

Special Feature:

Highly sophisticated, simpatico and high-grade surfaces can be achieved by the use of matt, transparent, tinted wall glazes. Renovation is possible, if the glaze is applied in the tint of the first coating. Each additional coating will intensify the existing shade on the wall surface.

Material:

Magic-Glass consists of glass fleece (non-woven material), partially with an acrylate-based white paint coating on the face. Depending on the lightness and clarity of selected tints, high-contrast (or rich in nuances) effects occur with the following glaze coat—also caused by the varying absorbency of glass fleece and white coating—more or less accentuating the texture of patterns. The back side of Magic-Glass glass fleece is impregnated and glass fibres cannot be released. The glass fleece is made of purely mineral glass fibres with a relatively large diameter (> 5 µm) which are not respirable. On principle the glass fibres of non-woven Magic-Glass materials are integrated after having finished the complete surface coating.

Properties:

- non-swelling and rot-proof
- dimensionally stable
- bridges/covers small surface cracks
- coating system with Deco-Lasur matt:
 - may be cleaned
 - diffusible / allows sorption
 - of low flammability
- directly recoatable with wall glazes in identical or colour-coordinated tone (hue)
- renovation with covering paint materials is possible, reducing the glass fleece to its reinforcing function (loss of decorative effect).

Types / Patterns:

Batic	approx. 220 g/m ²
Brokat	approx. 220 g/m ²
Cocos	approx. 220 g/m ²
Cotone	approx. 220 g/m ²
Grano	approx. 220 g/m ²
Krepp	approx. 220 g/m ²
Linea	approx. 220 g/m ²
Mosaik	approx. 220 g/m ²
Organza	approx. 220 g/m ²
Quadre*	approx. 220 g/m ²
Raster	approx. 220 g/m ²
Tortuga	approx. 220 g/m ²
Velvet	approx. 220 g/m ²
Web	approx. 220 g/m ²

*Except the type "Quadre" all types can be applied without visible lapping. The "Quadre" lap is noticeable.

Roll-Size:

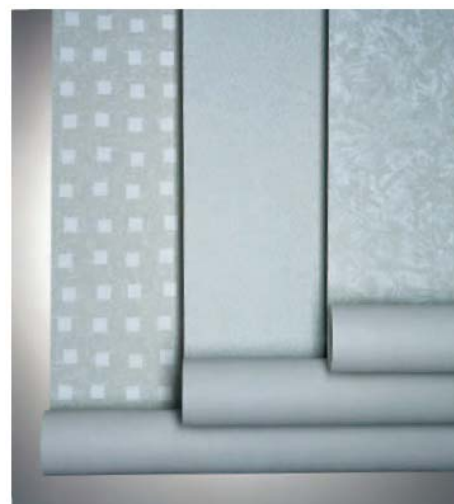
25 m x approx. 1.00 m.

Packaging Unit:

4 rolls per carton,
48 rolls per pallet (= 1,152 m²).

Storage:

Store Capadecor Magic-Glass in a dry place.



Application

The substrate must always be smooth, even (flat), of low absorbency, sound, dry, clean, free from all materials that may prevent good adhesion and without 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.

The way of substrate preparation depends on the existing substrate and its condition.

Coating System:

Materials for Bedding and Coating:

Capadecor Magic-Glass and the recommended 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 (open) time for bonding Capadecor Magic-Glass.

(The substrate should not be too highly absorbent.)

Finishing Coat with Wall Glazes/Scumbles:

Apply tinted Deco-Lasur matt, thinned 15% with tap (potable) water.

Maximum transparency of the surface coating can only be achieved by tinting via ColorExpress machine system.

Tools:

- Steel ruler and cutting knife for flush trimming at ceilings, fittings, doors, windows, power sockets, switches, etc., and for double seam-cuttings.
- 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.
- Brushes for the application of glaze/scumble coats (e.g. oval-formed brushes).
- Brush with soft bristles for dust removal.

Cutting:

While cutting the sheets of fleece, always 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.

Due to the high stability the material may be cut easily.

Bonding

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

Except the types "Krepp", "Quadre" and "Raster" all patterns can be applied with double-seam cuttings to achieve a perfect joint effect.

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

In the area of interior angles/corners the Magic-Glass fleece should not overlap the edges (cut-off precisely).

On exterior edges apply Magic-Glass 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 also enhance the impact resistance.

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.

Always prime plastic profiles and repairs with Caparol-Haftgrund / Caparol Primer Interior.

Consumption of Adhesive for Embedding:

Approx. 250 g/m²

Finishing Coat with Wall Glazes/Scumbles:

After bonding and completely drying apply a glaze/scumble coat of tinted material with a brush onto the complete surface.

Deco-Lasur matt should be adjusted to working consistency with 15% of tap (potable) water. To avoid visible lapping in the area of overlaps it is recommended to treat the freshly applied (wet) surface with a soft brush – this should ideally be done by a second person.

A second glaze/scumble coat (without tinting of material) increases the wear resistance of surfaces.

A second glaze/scumble coat with tinted material may be applied wet-on-wet.

■ Deco-Lasur matt

Consumption approx. 140 – 150 ml/m² (for the first glaze coat application)

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 Magic-Glass. Therefore a preliminary test application is recommended.

For exact application observe labels and Technical Information of the respective bedding and coating materials. (Technical Information No. 895 Capacoll GK, Technical Information No. 550 Deco-Lasur matt)

Minimum Working Temperature:

+ 5 °C for material, substrate and surrounding air during application and drying.

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 Magic-Glass should be disposed of as old glass fibre materials or as mixed construction-site and demolition 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. 877 Capadecor Magic-Glass, release date: April 2003

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