



# COLOR VK

Silane-acrylic  
decorative paste coating



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## PRODUCT DESCRIPTION

**COLOR.VK** is a fibre-reinforced decorative paste coating for both interior and exterior use, available in different sizes. Its special formula guarantees maximum wall breathability and water resistant protection to withstand aggressive environmental agents, in all weather conditions. The product has excellent resistance to UV rays and ageing together with a very low dirt absorption. The excellent workability combined with good surface adhesion, excellent filling and smoothing powers; make it an ideal decorative coating for new render/plaster, old render/plaster, concrete, cement based substrates, surfaces finished with non-degraded synthetic or mineral products, insulation systems, plasterboard etc.

It is available in three different sizes: 1.0 mm, 1.2 mm and 1.5 mm.

Available in a wide range of colours as well as the colours from the collections **NATURAL**, **MINERAL** and **PREMIUM** by Vimark.

## COMPOSITION

**COLOR.VK** is a paste made of modified siloxane acrylic resins, grain selected aggregates, fibres and special lamellar fillers that improve the workability and final appearance.

## MIXING AND APPLICATION

### NEW WALLS

New plasterwork must be perfectly seasoned and dry, stable, free of dust and inconsistent parts. New surfaces must be completely dry.

Apply thoroughly over the entire surface using a brush or roller, a coat of **COLOR.FONDO** diluted with clean water (15% w/w for roller applications, 20% w/w for brush application). Wait until completely dry before applying the finishing product.

### OLD RENDER/PLASTER

Old plasterwork must be perfectly seasoned and dry, stable, free of dust, release agents and inconsistent parts. Clean the surface thoroughly to remove any traces of dust, dirt, grease or efflorescence. Leave to season until the binder in new patches of plaster has completely set. Apply thoroughly over the entire surface using a brush or roller, a coat of **COLOR.FONDO** diluted with clean water at 15% w/w for roller application and at 20% w/w for brush application. Wait until completely dry before applying the finishing product.

### OLD SUBSTRATES WITH PAINT OR SYNTHETIC COATING

The substrates must be perfectly seasoned and dry, stable, free of dust, release agents and inconsistent parts. Clean the surface thoroughly to remove any traces of dust, dirt, grease or efflorescence. Leave to season until the binder in new patches of plaster has completely set. In the presence of partially degraded paint or synthetic / mineral coatings, remove parts that are loose and non-adherent to surface. Remove and treat any mould by neutralizing. Previously painted surfaces must be adherent to the wall and brushed clean. Remove paint from wall when necessary. If the wall is very dusty, power wash clean.

When applied to porous paint or coating, apply a base coat, using a brush of **PLIO.FIX** diluted with clean water up to 1:2 v/v or a coat using a brush of **COLOR.PRIMER** diluted with clean water up to 1:5 v/v. Any fillings performed after the first coat of primer should be isolated. Apply thoroughly over the entire surface using a brush or roller, a coat of **COLOR.FONDO** diluted with clean water (15% w/w for roller applications, 20% w/w for brush application). Wait until completely dry before applying the finishing product.





**THERMAL INSULATION SYSTEMS**

The base coat must be perfectly seasoned and dry, stable, free of dust, release agents and inconsistent parts. Apply thoroughly over the entire surface using a brush or roller, a coat of **COLOR.FONDO** diluted with clean water at 15% w/w for roller application and at 20% w/w for brush application. Wait until completely dry before applying the finishing product.

**FINISHING**

Always mix the readymade product **COLOR.VK** before using with an electric drill or mixer at low speed. If the product is too viscid, add water in a minimum quantity (1-2% w/w) and mix. Apply with a steel or PVC trowel in one coat to the prepared base coat with a thickness equal to the maximum grain size of the product, smoothing out carefully. Apply the finish using a PVC spatula or a polyurethane trowel.

Apply the product in correspondence to the corners and in the case of extended areas, provide appropriate clearance near joints or pipes, or create appropriate technical cuts or stringcourses.

**INDICATIVE AMOUNTS REQUIRED**

*COLOR.VK 1.0.* 1.6-1.8 kg per m<sup>2</sup>.  
*COLOR.VK 1.2.* 1.8-2.0 kg per m<sup>2</sup>.  
*COLOR.VK 1.5.* 2.3-2.5 kg per m<sup>2</sup>.

**COLOUR**

White.  
*Collection:* NATURAL.colours.  
*Collection:* PREMIUM.colours.  
*Collection:* MINERAL.colours.

**PACKAGING**

25 kg tubs.

**STORAGE**

12 months in original intact packaging, protect from frost, not exposed to direct sunlight or heat sources.

**RECOMMENDATIONS**

Do not apply in temperatures below + 10° C or above + 35°C.  
Avoid applying with relative humidity greater than 80% or WME humidity exceeding 20%.  
Do not apply in direct sunlight. After applying, protect surfaces from rain for at least 48 hours.  
Climatic conditions different from those indicated will have a negative influence on the correct drying time of the product compromising performance and the aesthetic appearance  
The product reaches the best the technical and performance characteristics after approximately 10 days of application. If during this period, the product is rained upon, raindrop fouling can occur. This phenomenon is however temporary and does not affect in any way the overall performance of the product. Sometimes these formations disappear automatically with subsequent rainfalls. In any case, power washing will remove them.  
Do not apply to substrates subject to rising damp.





Use the siloxane products from the range **DECOR** by Vimark.

The colours shown in the samples are indicative. We recommend a test on site in order to verify the final colour tone.

In case where several coats are required, wait at least 12 hours between coats or verify that the film is completely dry.

The solidity of an exterior colour, as well as the chemical nature of the pigments used, depend on many variables. The type of colour and the perception of its variation over time by the human eye, the environmental to which the product is exposed, the type of product to which the pigments are added, how it is applied, the thickness, the type of underlying substrate.

Choosing a coloured product implies the acceptance of a colour tolerance of  $\Delta E=3$  (CIELAB, D65, 8°, light diffusion, product applied in lab test).

Further product supplies with the same colour code may undergo slight variations in tone; therefore, we suggest ordering sufficient quantities to complete the job in a single solution. If a second order has to be made, always communicate the lot number of the previous order.

The diluted product must be stored in the original container, tightly closed, not exposed to direct sunlight or heat source, and used within 5 days of diluting.

**PRODUCT DATA**

|                                     |   |           |
|-------------------------------------|---|-----------|
| <i>Appearance</i>                   | paste   |           |
| <i>Colour</i>                       | white or coloured                                 |           |
| <i>Type of binders</i>              | silane modified acrylic resin in aqueous solution | EN 1062-1 |
| <i>Max. temperature for storage</i> | + 40°C  |           |
| <i>Min. temperature for storage</i> | + 5°C   |           |
| <i>Grain size</i>                   | S <sub>3</sub>                                    | EN 1062-1 |

**APPLICATION DATA**

|  |                                      |  |
|--|--------------------------------------|--|
| <i>Minimum application temperature</i>                 | + 8°C                                |  |
| <i>Maximum application temperature</i>                 | + 30°C                               |  |
| <i>Relative humidity of environment and substrates</i> | ≤ 80%                                |  |
| <i>Substrate humidity WME</i>                          | ≤ 20%                                |  |
| <i>Maximum layer thickness COLOR.VK 1.0</i>            | 1.0 mm                               |  |
| <i>Maximum layer thickness COLOR.VK 1.2</i>            | 1.2 mm                               |  |
| <i>Maximum layer thickness COLOR.VK 1.5</i>            | 1.5 mm                               |  |
| <i>Surface drying time</i>                             | 4 hours                              |  |
| <i>Waiting time between coating</i>                    | > 24 hours                           |  |
| <i>Tool cleaning</i>                                   | soap and water immediately after use |  |

**PERFORMANCE DATA**

|                                  |                                 |             |
|----------------------------------|---------------------------------|-------------|
| <i>Specific weight</i>           | 1870 g/l ± 30 g/l               | UNI 8910    |
| <i>Dry residue in bulk p/p</i>   | 78% ± 2%                        |             |
| <i>Dry residue in volume v/v</i> | 61% ± 2%                        |             |
| <i>pH at packaging</i>           | 9.5 ± 0.3                       |             |
| <i>Gloss of coatings</i>         | opaque L < 10 to 5 gloss GU 85° | EN ISO 2813 |
| <i>Viscosity</i>                 | 70000 ± 3000 cps                | ASTM D 2196 |
| <i>Category</i>                  | decoration and protection       | EN 1062-1   |
| <i>Adhesion</i>                  | > 2.2 N/mm <sup>2</sup>         | EN 1542     |





|                                   |                         |               |
|-----------------------------------|-------------------------|---------------|
| <i>Durability</i>                 | > 2.4 N/mm <sup>2</sup> | EN 13687-3    |
| <i>Capillary water absorption</i> | W2                      | EN 1062-3     |
| <i>Water vapour permeability</i>  | V2                      | EN ISO 7783-2 |
| <i>Thermal conductivity</i>       | 0.52 W/mK               | EN 1745       |
| <i>Reaction to fire</i>           | B-s1 d0 Class           | EN 13501-1    |
| <i>Hazardous substances</i>       | See MSDS                | EN 15824      |

**VOC**

|                                    |   |
|------------------------------------|---|
| <i>Category</i>                    | Coatings for exterior walls of mineral substrate (WB/c) |
| <i>VOC limits category</i>         | 40 g/l (2010)   |
| <i>Maximum VOC product content</i> | 20 g/l  |

**ACCORDING TO**



**EN 15824:2009**  
 Organic coating for external use

**REMARKS**

**Product for professional use.** The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).

