



# ARENINO VK2

Sponge finish decorative  
mineral coating



konstruktive • **leidenschaft**



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## PRODUCT DESCRIPTION

**ARENINO VK2** is a highly breathable mineral powder coating for finishing and protecting plaster and mineral absorbing surfaces on both internal and external walls.

Its application allows to protect, smooth and decorate the treated surfaces, maintaining a high level of permeability of the walls.

Applied in one or more coats, it can level out from 2 to 8 mm roughness on surfaces. It has a good resistance to weathering and ultra-violet rays.

## COMPOSITION

**ARENINO VK2** is a premixed powder product, which contains special white cement, aerial lime, selected and appropriately gauged calcareous aggregates, special hydrophobic mass, inorganic pigments and specific additives that improve the quality of the product in terms of workability, breathability and adhesion to substrates

## MIXING AND APPLICATION

**ARENINO VK2** can be applied to all conventional mineral surfaces: conventional lime-based plasters, premixed plasters, cement-lime mortars, restoration plasters, traditional foundations. The surfaces to be treated must be homogeneous, stable, clean, solid, free of weak parts, dust, bacterial proliferation, saline efflorescence, oils, grease, wax, residues of previous work etc. If necessary, perform a preventive cleaning by sandblasting or pressure washing.

Before applying **ARENINO VK2**, make sure that substrates are regularly absorbent, coplanar, solid and weathered, and that they are not subject to movement or shrinkage. It is essential to wet the surfaces with clean water if the product is applied during hot weather. However, the substrate's degree of absorption must always be assessed and adjusted with water or specific primer where necessary.

If the product has to be applied straight on to concrete surfaces, prepare the first coat with **VIMARLATEX 883** and clean water in a 1 to 5 v/v ratio.

Use an electric mixer and add the contents of a 25 kg bag of **ARENINO VK2** with approx. 6.5-7.0 litres of clean water until a homogeneous, lump-free mixture has been obtained. Leave the mixture to rest for about 5 minutes, then stir again before use. The mixed product can be used for about 2 hours. Do not add water or stir the mixture again to use it beyond this period.

### SPONGED FINISH

Apply using horizontal and vertical strokes with a large trowel, until the required finish has been obtained. After having applied all base coats of the product, the final coat can be applied in a thin and constant layer, which should be finished with a sponge trowel in order to obtain a sponged appearance.

### APPLICATION ON HETEROGENEOUS SURFACES

Apply using horizontal and vertical strokes with a large trowel, covering the entire surface with a constant thickness. Insert within the plaster layer a fiberglass alkali-resistant reinforcement mesh **ARMANET 4x4** making sure to overlap the strips by at least 10 cm. When the setting phase is completed, apply the final coat in thin and constant strokes, and finish with a sponge trowel in order to obtain a sponged appearance.





**INDICATIVE AMOUNTS REQUIRED**

3.0-3.5 kg per m<sup>2</sup>.

**COLOUR**

White.  
*Collection:* MINERAL

**PACKAGING**

25 kg bags on disposable 1575 kg pallet (63 bags) protected by waterproof plastic wrap.

**STORAGE**

12 months in original intact packaging and stored in a dry place.

**RECOMMENDATIONS**

Do not apply in temperatures less than + 8°C or more than + 30°C, in a strong wind, rain or under direct sunlight. Temperatures below + 8°C with high percentage of humidity can cause superficial carbonation. In high temperatures, it is recommended to evenly wet the substrates with clean water before applying product.

Do not apply to surfaces that are frozen, dusty, inconsistent or unstable.

Product thickness should be from 3 to 10 mm per layer.

Do not apply to gypsum-based substrates, fibre cement or expanded mineral and organic panels.

The colour may vary, depending on the temperature and humidity in the environment.

The coloured product should be applied to homogeneous surfaces.

Always use the same amount of water to avoid differences in colour.

On extended surfaces provide adequate clearance of drains or joints, or create appropriate technical cuts.

When applying avoid prolonged intervals of more than 15 minutes until wall completion.

Protect the applied product from frost, rain and rapid drying for the first 24 hours.

**PRODUCT DATA**

<i>Appearance</i>	powder	
<i>Colour</i>	white or coloured	
<i>Dry bulk density</i>	~ 1300 kg/m <sup>3</sup>	EN 1015-10
<i>Maximum aggregate size</i>	≤ 1.0 mm	

**APPLICATION DATA**

<i>Water content of mix</i>	26-28%
<i>Mixing ratio</i>	1 bag + 6,5-7,0 ℓ of water
<i>Minimum application temperature</i>	+ 8°C
<i>Maximum application temperature</i>	+ 30°C
<i>Working time</i>	≥ 120' minutes





**PERFORMANCE DATA**

<i>Bulk density of fresh mortar</i>	~ 1750 kg/m <sup>3</sup>	EN 1015-6
<i>Bulk density of hardened mortar</i>	~ 1400 kg/m <sup>3</sup>	EN 1015-10
<i>Adhesion</i>	≥ 0.15 N/mm <sup>2</sup> (FP) B	EN 1015-12
<i>Air content</i>	15%	EN 1015-7
<i>Consistence of fresh mortar</i>	160 mm	EN 1015-3
<i>Compressive strength</i>	≥ 6.0 N/mm <sup>2</sup> CS IV	EN 1015-11
<i>Flexural strength</i>	≥ 3.0 N/mm <sup>2</sup>	EN 1015-11
<i>Capillary water absorption</i>	≤ 0.40 kg/m <sup>2</sup> x min <sup>0.5</sup> W1	EN 1015-18
<i>Water vapour permeability coefficient</i>	≤ μ 4	EN 1015-19
<i>Thermal conductivity</i>	0.45 W/mK (tab. mean value; P=50%)	EN 1745, A.12
<i>Specific heat capacity</i>	1.0 kJ/kgK	EN 1745, A.12
<i>Reaction to fire</i>	A1 Class	EN 13501-1
<i>Durability</i>	Evaluation based on provisions valid in the intended place of use of the mortar	EN 998-1
<i>Hazardous substances</i>	See MSDS	EN 998-1

**ACCORDING TO**



**EN 998-1**

General purpose rendering/plastering mortar (GP) for internal/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).

