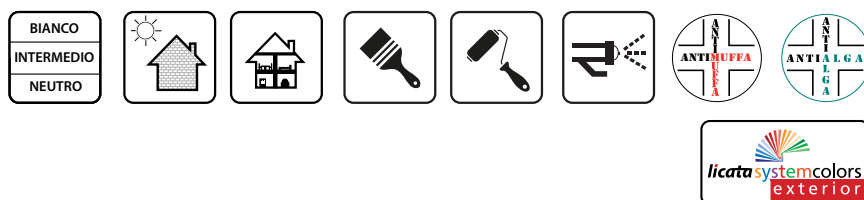


Vitrea Quartz

Quartz micro-coating for exteriors based on acrylic copolymers in water dispersion, with high water resistance and exceptional workability. With excellent anti-mould and anti-algae properties, it is ideal for decorative finishes in aesthetic/functional restoration cycles of façades.



Vitrea Quarzo is a decorative pigmentable quartz micro-coating, based on acrylic copolymers in water dispersion, and silica inert fillers. **Vitrea Quarzo** is specific for both new and existing façades and as well as micro-coating for repainting of façades and as a decorative finish in reinforced skim coatings. Thanks to its formula, **Vitrea Quarzo** offers complete protection of façades against rain and atmospheric agents. Especially effective in extreme climate and environmental conditions (damp climate or smog). The special additive in the formula guarantees excellent protection against attacks by mould and algae. When combined with coloured pastes, **Vitrea Quarzo** ensure excellent durability, brightness and full colour.



MAIN FIELDS OF USE

Vitrea Quarzo is suitable for decorative finishes of substrates in internal/external areas, both new or existing, on residential, industrial or commercial buildings it is recommended for use on cured substrates, i.e. after a curing time of at least four weeks. It can be applied to substrates, such as:

- Lime or lime/cement-based finishes
- Reinforced skim coatings in façade restoration cycles
- Concrete
- Pre-fabricated concrete panels
- Old paintwork provided that it is intact and consistent.

For applications on different substrates, please contact our technical department.

CHARACTERISTICS

- Low dirt pick-up: **Vitrea Quarzo** is also ideal as a final decorative finish for façades in places subject to high concentrations of dust or pollutants, thanks to its low dirt pick-up.
- High water resistance: the special formulation of **Vitrea Quarzo** provides complete protection from atmospheric agents creating an unbroken skin that prevents penetration by rainwater, thus keeping walls dry.
- Versatility: the fine grain size combined with meticulous research and selection of raw materials means professionals can apply **Vitrea Quarzo** both manually (brush/roller), and mechanically (airless).
- Protection against mould and algae: the special anti-mould additives in the formula ensure an excellent degree of protection from mould and algae formation.
- Wide choice of colours: from pastel shades to ultra-bright colours, **Vitrea Quarzo** can be coloured with over 600 different colour shades.



APPLICATION METHOD

Preparation of substrate

If the surface is old, any swollen areas, that are peeling off or not sufficiently cohesive, must be removed, taking care to smooth the surface afterwards. If the surfaces are new, it is advisable to pre-treat the substrate with an undercoat of **Isolante LG** or **Acril Primer**, to ensure uniformity and reduce absorption, while on existing “crumbling” surfaces, apply **Nano Primer** or **Acril Primer Plus** to compact the surface. On uneven surfaces, apply an undercoat of **Isolante LG**. If the substrate shows signs of mould or algae, pre-treat the affected areas with **Sanus** biocide. A substrate that is ready for application should be clean, smooth, cohesive, with no flaking.

Preparation of the product

IT IS possible to dilute **Vitreia Quarzo** with clean water as follows:

- Application with brush or roller: 25% 1st coat– 20% 2nd coat
- Airless application: 25%

After dilution, It is advisable to mix the paint for a few minutes using a mixer whisk to make the mixture smooth.

Application

Vitreia Quarzo can be applied manually (brush/roller) or with an airless machine in two or more cross-over layers in order to achieve perfect coverage and the desired finish. For multiple applications, apply successive layers about 3 hours apart.

Particularly absorbent substrates or unfavourable climatic conditions (areas subjected to strong air currents, high temperatures, etc.) can lower the open paint time to just a few minutes, therefore, you must constantly check that a surface film does not form and if it dries out too quickly. In ideal conditions, **Vitreia Quarzo** cures sufficiently for successive applications after about 3 hours (at +20 °C and R.H. 70%) and full curing 24 hours after the last coat.

Do not apply **Vitreia Quarzo** on substrates with a film of water on the surface or are wet or exposed to extreme conditions, such as walls exposed to strong sunlight or frost.

Make sure that the ambient temperature and that of the substrate during application is between +5 °C and +35 °C.

PRODUCT INFORMATION

Appearance	Liquid - White
Yield	0.250 – 0.350 kg/m ²
Dilution	20% - 25%
Drying time	3-4 hours at +20 °C to touch approx. 24 hours at +20 °C fully dry
Application temperature	between +5 °C and +35 °C and 70% R.H.
Storage	12 months if stored in the original, unopened container
Packaging	20 kg polypropylene bucket
Binding agent	Acrylic
Specific gravity	1.60 kg/L
Dirt pick-up	Low
Brightness	Ultra-matt
VOC (Directive 2004/42/EC) for external wall coating (Cat A/c):	< 30g/L of VOC

WARNINGS

- Not suitable for frozen or thawing substrates.
- In the event of difficult substrates or ones differing from those listed, perform a suitability test beforehand and contact our technical department.
- Store the containers in places out of direct sunlight and at temperatures not below +5 °C to avoid compromising the quality of the material.
- Always check the material before applying it to make sure that the colour matches the one requested.
- Any claims about the colour shade will not be accepted after application.
- It is not possible to guarantee drying with colour differences (stains) due to:
 - the different atmospheric and physical conditions in which the building is located;
 - scaffolding;
 - the conditions of the substrate (such as structure, absorption aspect, etc.);
 - the use of natural raw materials.
- Protect from direct sunlight and heavy rainfall for the first 48-72 hours. The effective temperature and degree of humidity may speed up or slow down the drying process.
- Protect eyes and hands during application.
- After using the product, wash the tools with water.

SAFETY

Please consult the safety data sheet for information about product disposal, storage and usage.

NOTES

This data sheet replaces and voids all previous versions.

The indications and specifications given in this document are based on our current technical and scientific knowledge. They should, however, be considered as purely indicative because we have no control over the conditions in which the product will be used. The purchaser must, therefore, check that the product is suitable for his specific requirements. Our sales and technical network guarantees rapid consultancy services and is at your disposal for any clarifications and questions you may have about the use and application of **Licata SpA** products.

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