



CaSoPaL® Lime paint brilliant

Properties

CaSoPaL® Lime paint brilliant is a ready to use coating on the basis of pure white lime hydrate. It is an ecologically friendly alternative to conventional paints. CaSoPaL® Lime paint brilliant is suitable for new buildings, renovations and historic objects under preservation orders. Inside and outside applications are possible.

The whitening power is excellent and meets the requirements of class 1 accordingly to DIN EN 13 300 with a spreading rate of 7 m²/L. The high whitening power results from the presence of titanium dioxide pigments. Selected lime stone powders with defined particle sizes serve as filler. Natural lime (calcium hydroxide, Ca(OH)₂) is the only binder in CaSoPaL® Lime paint brilliant. The coating is free of synthetic binding agents, solvents as well as biocides or pesticides. CaSoPaL® Lime paint brilliant guarantees a healthy indoor climate because lime is able to bind moisture reversibly and to fix harmful substances.

CaSoPaL® Lime paint brilliant consists of 18 wt.-% lime (Ca(OH)₂), 25 wt.-% limestone powder, 13 wt.-% titanium dioxide 42 wt.-% water and 2 wt.-% stabiliser (natural cellulose).

CaSoPaL® Lime paint brilliant forms an extremely vapour diffusionable coating that regulates the indoor climate. Due to the high content on calcium hydroxide the coating has natural anti-algae and anti-mould properties.

Application instructions

The substrate must be dry, absorbant, clean and free from dust and oil. Old paints, especially organic paints and wallpapers, have to be removed.

Provide appropriate protection for surfaces which are not to be coated! Remove splashes with water!

The paint has to be stirred well before application. CaSoPaL® Lime paint brilliant can be processed as brushing, spraying or rolling application. Depending on the substrate, 1L paint is sufficient for 7 m². Slightly wet the substrate, when necessary. A base coat can be prepared, when necessary, by dilution with water.

A second coat can be applied after approximately 4 hours, depending on the drying conditions. It is recommended to wet the coated surfaces daily several times afterwards for three days. This accelerates the hardening process and is compulsory for outdoor applications.

The optimum application temperature is between 15 °C and 25 °C. An application at air and substrate temperatures below 8 °C is impossible.

CaSoPaL® Lime paint brilliant can be tinted with alkali resistant pigments.

Packaging / Storage

CaSoPaL® Lime paint brilliant is available in 500 mL, 1000 mL, 5 Liter and 10 Liter containers. Shelf life is 12 months if kept cool in tightly closed containers. Protect from frost.

Safety Instructions

CaSoPaL® Lime paint brilliant is strongly alkaline. Avoid any contact with eyes and skin. Use safety gloves and glasses. Immediately rinse off any splashes thoroughly with water. Do not eat, drink or smoke during the application. Clean the tools after every application with water. Keep out of reach of children.

Do not allow to penetrate into the sewage system or soils. Keep the containers tightly closed.

Follow the instructions given in our Material Safety Data Sheet !

The information mentioned above is state of the art and has been developed by intensive research and development over many years. The application of our products and their use is beyond the range of our influence. Therefore IBZ-Salzchemie GmbH & Co.KG cannot take any liability from events that result from the information contained in this leaflet. Careful and considered use of CaSoPaL® Lime paint brilliant is highly recommended.



IBZ-Salzchemie GmbH & Co.KG

Schwarze Kiefern 4 • 09633 Halsbrücke • Germany • Tel.: +49 3731 200155 • Fax: +49 3731 200156
www.ibz-freiberg.de • info@ibz-freiberg.de