

# Technical Data Sheet

## CaSoPaL® Lime paint “Brilliant”



### Product Features

CaSoPaL® lime paint “Brilliant” is a ready to use coating based on 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 m<sup>2</sup>/L. This results from the presence of titanium dioxide pigments. Selected limestone powders with defined particle sizes serve as filler. Natural lime (calcium hydroxide, Ca(OH)<sub>2</sub>) 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. It is an organic product guaranteeing a healthy environment. CaSoPaL® lime paint “Brilliant” allows the surface to breathe. Humidity is bound reversibly and harmful substances are fixed. CaSoPaL® lime paint “Brilliant” creates an alkaline coating, which kills fungi and algae and prevents further biological growth. CaSoPaL® lime paint “Brilliant” is free of solvents and does not contain any additional biocides or pesticides. The formed coating is antibacterial and ideal for children, allergy sufferers and asthmatics.

### Application instructions

The substrate must be dry, absorbent, clean and free from dust and oil. Old paints, especially oil and latex based 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 m<sup>2</sup>. Slightly wet the substrate, when necessary. A base coat can be prepared, when necessary, by dilution with water (20% v/v).

A second coat can be applied after approximately 12 hours, depending on the drying conditions. It is recommended to wet the coated surfaces carefully several times afterwards for three days. This accelerates the hardening process and is compulsory for outdoor applications. When drying takes place too fast, powdering surface will be obtained. 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, especially iron oxide pigments. The final color the coating depends not only on amount and character of the pigments but also on the absorbency of the substrate and the climatic conditions during drying.

Brushes, rollers or sprayers should be cleaned immediately after use with water and a mild soap.

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## Packaging / Storage

CaSoPaL® lime paint "Brilliant" is available in 500 mL, 1 Liter, 5 Liter and 10 Liter containers. Shelf life is 12 months if kept cool in tightly closed containers. Protect from frost.

## Safety

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. 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.*



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