

PROTEGO

Product Description

Protego is a clear, solvent-free, water-based resin sealer specifically designed for Microcement surfaces.

It is available in a matt finish and provides effective protection against water and wear. This product is an excellent option for a variety of indoor applications due to its high resistance to scratches and chemicals. Common uses include both residential and commercial properties.

While chemical exposure can cause surface discoloration depending on the substance, concentration, and duration of exposure, this does not affect the functionality of the coating. Polyurethanes with this particular formulation exhibit minimal tendencies to discolour or chalk when exposed to UV radiation.

Finishes: Available in Matt and Satin.

General Information

The conditions of the room will affect the workable time of the material as well as the drying time. The temperature in the room should not go above or below 12°C and 28°C throughout the entire application process.

Additionally, it is essential to ensure that the substrate temperature remains at least 3°C above the dew point. The air's relative humidity should range between 40% and 80%.

You must ensure that there always is adequate ventilation during and after the application process.

The area must also be protected from direct contact with water and condensation during the entire curing phase (3 days under 20 degrees).

Technical Specifications

2Kg of Protego will cover 10 sqm on 2 coats.

Protego Component A: 1.67Kg

Protego Component B: 0.33Kg

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Mixing

Add the curing agent (Protego component B) to the main component (Protego component A) and mix thoroughly using an electrical stirrer at a low-speed setting. Pour the mixture into a new container and continue mixing at a low speed to achieve a uniform blend. If needed, add up to 5% of water to the mixture. Before application, ensure the mixture is homogeneous and free from streaks.

Working Time

For best results, use the mixture within 60 minutes after combining the two components. Only mix the amount of material that is required for the first coat of the area.

Application Instructions

Apply Protego in a criss-cross motion using a short pile roller and brush in difficult access areas. Make sure that you go over with the roller to cover the brush strokes. For larger areas, you must work continuously whilst maintaining a wet edge.

Number of Coats

Minimum 2 coats.

Tools and Maintenance

Short pile roller.

Rinse with warm water after each use to prevent product build up.

Drying Time

Allow a minimum of 3 hours for Protego to dry between each coat.

Environmental factors such as humidity and ventilation can affect the drying time, make sure that the previous coat is fully dry before applying the next one.

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Cleaning

We normally recommend cleaning the surface using soapy water. Alternatively, use a mild detergent such as ECOVER or CIF to clean finished areas.

Recommendations

Fully cured material can be disposed of with regular household waste. Empty containers should be handed over for recycling. Liquid material must be disposed of as paint waste containing solvents or other hazardous substances.

Storage

When stored in a dry, cool, and frost-free environment, Protego can be kept for up to one year in its original, unopened container.

Remark

This technical data sheet is based on extensive development and long-term practical experience. The information provided is not legally binding. It remains the responsibility of the applicator/customer to test the products to ensure they are suitable for their intended use.