

TECHNICAL DATA SHEET

FINOTOP PU 2K 770

Polyurethane varnish



Areas of application

FINOTOP PU 2K 770 is a two-component polyurethane coating based on a water-based polyurethane resin, designed to provide durable protective coatings with high mechanical and chemical resistance. The product forms part of the FINOCEM system. It forms a coating resistant to moisture, stains and intensive use, while enhancing the decorative appearance of the surface. It is non-yellowing and offers high UV resistance, ensuring the long-term appearance of the finish. The product is intended for both interior and exterior use. It is ideal as a protective coating for heavily used floors and walls, including microcement, resin and mineral floors, concrete and natural stone. It can be used in residential buildings, offices, commercial premises, circulation areas and wet rooms.

Properties

- Matt finish
- High abrasion resistance
- High chemical resistance
- Water and stain resistant
- UV-resistant (non-yellowing)
- Easy to clean and maintain

Application procedure



Technical data

Item number	42530	
Packaging		
Quantity per unit	0,6 L/unit	1,2 L/unit
Unit per pallet	6 unit/Pal.	6 Pack/box
Consumption	approx. 0,1 L/m ²	
Drying time	approx. 8 h	

Application conditions

Temperature of air, substrate, and product: +10 °C to +30 °C. Humidity < 70%. Processing may only take place after completion of settling, shrinkage, and drying processes of masonry and concrete. Substrates must be firm, stable, dimensionally stable, and dry.

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Surface

Substrates must be free of substances that reduce adhesion and properly prepared. The final layer of FINOCEM 750 microcement must dry for at least 12 hours before applying the paint and be thoroughly vacuumed.

Microcement: Apply directly

Architectural concrete: Apply directly

Surface pre-treatment

Surfaces must be cleaned of all substances that weaken adhesion and properly prepared. The final layer of FINOCEM 750 microcement should dry for at least 12 hours before applying the lacquer, and this layer must be thoroughly vacuumed.

Preparation

The product consists of two components (A+B). Immediately before use, add Component B to Component A at a 5:1 ratio and mix thoroughly until a homogeneous consistency is achieved. Do not dilute either component. The pot life after mixing is a maximum of 2 hours. Each subsequent coat must be applied using a freshly prepared batch of the coating.

Application procedure

Apply the first coat using a microfibre roller suitable for polyurethane coatings, spreading a thin, even layer over the prepared surface. The second coat may be applied after approximately 8 hours without sanding. If more than 24 hours have elapsed, lightly sand the surface with 220-grit sandpaper and remove all dust before applying the next coat. In areas exposed to frequent water contact (e.g. bathrooms and kitchens), the application of 3 coats is recommended.

Storage

Up to 24 months from the date of manufacture in tightly sealed packaging at a temperature between +5 °C and +40 °C. Keep out of reach of children, protected from direct sunlight, and away from heat sources and open flames. The product can be transported by any means of transport at a temperature above +5 °C. The product is not subject to ADR regulations.

General information

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.