

# Concrete Finish One.

**Concrete Finish One by Luxury Concrete® is a one-component water-based polyurethane coating developed for the protection of Easycrret ready-to-use microcement. It can also be used on printed concrete, porous mineral materials, parquet or wood.**

**Concrete Finish One provides high mechanical resistance to both abrasive wear and scratching. It also offers good chemical resistance by sealing the pore and is resistant to ultraviolet light.**

**Available in Matt or Satin.**



## Technical data

- Colour: Transparent (in dry layer).
- Finish: Satin or mat
- Hardness Shore D:  $70 \pm 3$
- Density:  $1,03 \pm 0,01 \text{g/cm}^3$
- Dynamic viscosity (L3 at 250 rpm):  $150 \pm 25 \text{ mPa}\cdot\text{s}$
- Static viscosity (L2 at 20 rpm):  $175 \pm 25 \text{ mPa}\cdot\text{s}$
- Viscosity in Ford Cup 4mm:  $50 \pm 10 \text{ s}$
- Application temperature:  $>8^\circ\text{C}$
- Dry to touch: ( $23^\circ\text{C}$ , 50% wt): 1 - 2h
- Recoating: ( $23^\circ\text{C}$ , 50% wt): 3h
- Drying ( $23^\circ\text{C}$ , 50% wt): 24h
- Curing time: 7 days

## Properties

- Especially recommended for protecting ready to use microcement surfaces, Easycrret.
- High abrasion and scratch resistance.
- Good resistance to water.
- Unalterable to ultraviolet light (no yellowing).
- Significantly enhances the colour of ready to use microcement coatings, maintaining the original texture.
- Quick drying and easy application.
- Apply 3 coats in one day, allowing 3 hours drying time between coats, or 4 coats in wet and high traffic areas.
- Free of APEOs, NMP, ammonia, formaldehyde, isothiazolinones and low odour.
- Compatible with a wide range of substrates, making it suitable for the protection and decoration of wooden surfaces, parquet, indoor walls and ceilings, sports courts, floors, etc

## Uses and areas of application

Product for protection, sealing and as a decorative finish, formulated with aliphatic polyurethane resins with one-component water-based polycarbonate that give it extraordinary characteristics.

It is highly transparent and highly resistant to yellowing. The treated substrate material is waterproofed, while maintaining its breathability to water vapour. Like all polyurethanes, it is highly resistant to wear, dirt and certain chemical products.

Ideal for application on our ready-to-use microcement system, mortars and other porous minerals, parquet or wood. It presents a very natural finish on wood, protecting it from wear and weathering. For the renovation of parquets and as a transparent protective varnish for walls and floors.

Do not apply under any circumstances on the two-component microcement systems Concrete or on our one-component microcement Monocrete.

## Preparation

Stir the contents before use, especially the matt varnish in order to homogenise the dispersion of the fillers.

No dilution required. Ready to use.

## Consumption

Consumption for Concrete Finish One:

- $0,2 \text{ L/m}^2$  (for 3 coats)
- $0,25 \text{ L/m}^2$  (for 4 coats)

## Characteristics

- Aliphatic polyurethane dispersion with polycarbonate
- Solids  $22 \pm 2\%$

## Preparation of the substrate

Before varnishing, the substrate must be properly prepared. It must be dry, clean and free of dust, grease or dirt. For a thorough cleaning use our detergent cleaner Concrete Pro Clean. If the surface has been previously varnished or painted, the previous coating must be removed, especially if it is damaged or deteriorated. This can be done by sanding or stripping, making sure to leave the surface in good condition. If repair, consolidation or joint sealing is required, proceed before priming. If the original coating is in good condition, a preliminary test of compatibility with the substrate can be carried out in an inconspicuous area.

In the case of wood or parquet, it may be necessary to apply a varnish primer and subsequent sanding.

## Storage conditions

It should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C, in a dry and well ventilated place, away from heat sources and direct sunlight. The shelf life is 1 year from the date of manufacture, if stored properly.

## Application

Before applying Concrete Finish One, check that the microcement is dry and free of dust. Depending on the climatic conditions and the ventilation of the work area, it will be necessary to ensure correct drying of the ready-to-use microcement. It is recommended to allow at least 24/48 hours to elapse before applying the polyurethane on the microcement.

- Apply with a brush or short nap or microfibre velour roller.
- The application must be carried out at ambient temperatures between 10°C and 30°C.
- Apply 3 - 4 coats of varnish in one day, leaving 3 hours between coats. Before applying the second coat we recommend lightly sanding the first coat with 400 grit sandpaper. In case of wet and/or high traffic areas, apply 4 coats of varnish.

Allow to dry for at least 48 hours before use. The total curing time will depend on the environmental conditions. At 23°C and 50% humidity it will take 7 days.

In the case of varnishing on wood, it is recommended to apply a pore-covering lacquer beforehand and to sand it afterwards, applying at least 2 layers of pore-covering lacquer.

Apply 3-4 coats of Concrete Finish One for proper sealing. In the case of plasterboard, plaster or other absorbent surfaces, use Primacrete ABS beforehand. For non absorbent surfaces use Primacrete Plus.

For non absorbent surfaces use Primacrete Plus. It seals the pore of the microcement against running water (occasional contact), but it is not a waterproofing agent against watertight water (permanent contact). In the case of soap or detergent residues, rinse immediately, since these can generate the appearance of marks or grooves.

## Packaging

It is available in 2 and 5 litre containers.

## Special precautions

Non-flammable product.

In case of contact with skin wash with soap and water. Never use solvents or thinners. Do not swallow. In case of ingestion do not induce vomiting and seek medical attention immediately.

The following measures are recommended:

- Good ventilation.
- Use of mask with chemical absorbent.
- Protective goggles to prevent splashing.
- Rubber gloves.

Empty containers should be disposed of in accordance with current legislation. To prevent the product from drying out or thickening, close the lid after each use. Keep out of reach of children.

## Cleaning of tools

The tools are washed with water immediately after use.