## TRIAL APPLICATION

This application protocol delivers the best technical and aesthetic results when followed correctly. We nevertheless recommend trialling the product before carrying out your project. The videos available on our website provide valuable additional information.

**Tip:** A fan or a site heater greatly speeds up the drying of the microtopping and the varnish.

## APPLICATION SEQUENCE

**1** • Sand the substrate
**2** • Apply a bonding primer
**3** • Homogenise pot A
**4** • Apply the 1st coat — Pot A
**5** • Sand the 1st coat
**6** • Apply the 2nd coat — Pot A
**7** • Sand the 2nd coat
**8** • Homogenise pot B
**9** • Apply the 3rd coat — Pot B
**10** • Sand coat B
**11/12** • Apply the protective varnish

## WORKING TIME

Yellostone microtopping is ready to use and does not dry out in its original packaging. Benefits: this product offers a wide working window and minimises product waste.

## SUBSTRATE PREPARATION

- **Underfloor heating precaution:** It is important to run the heated screed for 24 h to release internal stresses. The resulting cracks can then be covered with microtopping without any special precautions.

**1** Cementitious, anhydrite or painted substrate:
Sand the substrate with grit 60 then vacuum.
Apply the bonding primer with a roller.

**2** Consumption: 100 to 120 g/m². Drying time 2 h to 8 h.

## PREPARATION OVER TILING

Treatment of a tiled surface is mandatory to prevent the joint pattern from showing through the microtopping.

- If the available build-up height allows it, we recommend applying a specific primer and then spreading 2 to 5 mm of self-levelling smoothing compound (confirm this choice with your usual building-materials supplier).
- An economical and thinner alternative is to carry out a "scratch coat" using a ready-to-use tile adhesive (more watertight than powder adhesives).

Overcoat with a bonding primer.

## PREPARING THE MICROTOPPING POTS

**3** Pots A and B must be mixed beforehand to homogenise the texture and the colour.

## MICROTOPPING APPLICATION: POT (A)

**4** Apply the 1st coat — Pot (A).
Consumption: approximately half of the (A) pots supplied in the yellostone® kit. This corresponds to a thickness of 1 mm, i.e. 1 kg/m², applied with a trowel or a spatula.
This coat does not affect the final appearance.
Curing takes 2 to 6 h depending on the substrate and the ventilation. A visual check is enough to assess drying.

**5** **Sanding the 1st coat (A):** "Knock back" the surface with a very coarse 40/60 grit just to remove excessive build-up, then vacuum.

**Caution:** sanding with fine abrasives "burns" the surface and darkens the colour.

**6** **Application of the 2nd coat — Pot (A):** At this stage, about half of the supplied quantity should remain.
Apply this 2nd coat with random strokes and a relatively smooth finish. This gesture influences the final look (grainy, shaded or textured effect, etc.).

**7** **Sanding the 2nd coat (A):** Proceed as for the 1st coat (A). Sanding planes the surface while keeping slight reliefs. Heavy sanding will produce a floor with less surface texture.

**8** The B pots must be mixed beforehand to homogenise the texture and the colour. If the product is too pasty to work, adding a small amount of water is recommended.

## APPLICATION OF COAT (B)

**9** Coat (B) is preferably worked with a plastic tool (laying knife), since stainless-steel trowels can leave grey marks. The technique consists of pressing/scraping the compound to fill the irregularities of coat (A).

**10** After 12 to 24 hours of drying, lightly sand the surface with 120-grit abrasive paper.

Vacuum the surface carefully. A grain of sand trapped in the varnish will leave a small hole at the slightest mechanical stress.

**Final thickness:** A slight variation in thickness may result from the applicator's gesture or from the sanding. This is not detrimental to the strength or to the final appearance of the floor system.

**OBSERVE A 24 h DELAY BEFORE APPLYING THE VARNISH!**

## SATIN FINISH

For an optimal result, the supplied quantities of varnish must be used in full (with a 10% margin).

**11** **Application of the impregnation coat**
Shake the impregnator before use.
This product is ready to use, no dilution required.
Apply a uniform coat with a roller.
Recoatable within 1 to 4 h.
Consumption 80 g/m²: 1 kg = 12 m².
Floor temperature > 12 °C.
Do not knock back before applying the finishing varnish.
**Apply the varnish coat the same day.**

**12** **Application of the satin varnish**
It is recommended to filter the varnish before mixing.
Mechanically blend the hardener into the varnish for 1 minute with a paint mixer.
Lack of homogeneity reduces resistance.
**Pre-dosed ratio:** 4 parts resin to 1 part hardener, i.e. 800 g resin + 200 g hardener = 10 m².
Pot life of the mix: maximum 30 minutes.
Standard roller application: 1x 80 g/m².
The white appearance of the varnish disappears upon drying.

For better watertightness in showers and on worktops, a second coat is recommended.
Interval between coats: 1/2 h to 4 h.

## MATTE FINISH

**Application of 2 coats of matte varnish + hardener**
It is strongly recommended to filter the varnish before mixing.
Mechanically blend the hardener into the varnish for 1 minute with a paint mixer.
Lack of homogeneity reduces resistance.
**Ratio:** 4 parts resin to 1 part hardener, i.e. 800 g resin + 200 g hardener = 10 m².
Pot life of the mix: maximum 30 minutes.

**11** **1st coat:** apply the mix with a roller: 1x 80 g/m².
The milky appearance of the varnish disappears upon drying. Even out any white build-up that may remain visible after drying.

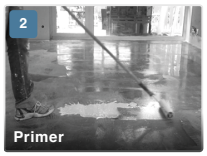
**12** **2nd coat:** apply the mix with a roller: 1x 80 g/m².
The white appearance of the varnish disappears upon drying.
Minimum interval between coats: 3 h, maximum 24 h.

After 24 h, the microtopping remains fragile, and full curing through oxygenation requires a minimum of 7 days!

**During this drying phase, the surface must under no circumstances be covered with tarpaulins or protective cardboard.**

**Other important recommendations:**
Never mechanically stress the floor before 3 to 4 days.
Never wet it before 3 days.
**Full curing is achieved after 7 days at 20 °C.**



































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