

Unikofloor® HT HAMMAM

Mineral resin with three components for « Concrete effect »

DESCRIPTION:

Unikofloor® HT HAMMAM is a spatulable decorative coating with « concrete effect » for horizontal and vertical surfaces both indoors and outdoors.

Unikofloor® HT HAMMAM benefits from « **RHA** » technology (**R**esin **H**ardener **A**ctivator) which is a three component hardener conceived to respond to extreme laying conditions in terms of temperature and air humidity.

It is composed without hydraulics, cement, lime or plaster.

The hardening of the product. Unikofloor® HT HAMMAM is done thanks to an acrylic resin, an activator and silica fillers. This concept means there is only one product applied in two layers.

USAGE :

Unikofloor® HT HAMMAM can be applied on all types of material, floor and ceiling.

Its composition confers an elastic quality which avoids cracking and therefore enables you to realize seamless surfaces.

The extremely waterproof quality of Unikofloor® HT HAMMAM means it can be used for hammams built with Fermacell, Powerpanel H2O, Wedi boards, polyester hulls, hydropanels

Security sheet on demand at : +33 559412571

This technical sheet replaces and supercedes all previous ones concerning the product.

The information contained in this present leaflet is the expression of our knowledge and of results obtained through tests run in order to ever remain objective. The following cannot however be considered either as guarantee or an engagement of our company's responsibilities in the case of faulty application as all manipulation and implementation of our product is beyond our control. We strongly recommend, in order to guarantee proper usage of our product to take part in our approved training courses run by our teams. To ensure that the product properly applies to the situation, the user must carry out tests beforehand.

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TECHNICAL CHARACTERISTICS :

Thickness used: 2.2mm about

Density of fresh mixture: 1.9

PH 8.2

Weight: 2 to 2.2 Kg/m²

Amount: 1.9-2Kg /m²

Kit composition Acrylic resin without solvent
 Acrylic hardener without solvent
 Acrylic activator
 Bag of powder made of mineral fillers

Pre-dosed kit: Spatulable N°1 Packaged in 20Kg – 5 Kg

Time of usage after opening and mixing Unikofloor® HT SP1: 16 hours

Temperature use: + 15°C to 30°C

Humidity: 40 % to 98%

Colors: confer color chart

Store products away from freezing

To clean tools: water.

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PRECAUTIONS WHEN RECEPTIONNING A HAMMAM:

Before applying product, it is imperative to ensure the hammam has been properly conceived.

You must check:

- The sealing strips have been placed at all angles at board junctions.
- The gradients are correct at roof, benches, hammam floor and all other horizontal elements
- The boards are properly fixed.
- You have sanded the polyester hulls to render adhesive.

PREPARING SUBSTRATE :

- Place on smooth plane surface which is dry <3 %
- For vertical parts or ceiling, modify thixotropy of epoxy resin S by adding a quantity of silica corresponding to 5 to 10 % of resin weight. Application of this thick mixture is done with a roller. The pressing down of the fabric is operated with a « parfait liss » coating knife. When totally dry, apply another layer with roller then sand surface with silica S408
- **Beware do not wait more than 24 hours between 2 layers.**
- For the horizontal parts "seat, bench, etc.", use pure H epoxy to glue your fabric. Once dry, apply a second coat, sanding the surface with S408 silica.
- **Beware do not wait more than 24 hours between 2 layers**

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- For floor of hammam, we advise you to apply epoxy H in two layers also. One layer pure to block off eventual counter-pressures due to humidity coming up and, then a second layer to stick the doubled fabric together then sand with silica S409.
- **Beware do not wait more than 24 hours between 2 layers.**
- **NB Be sure to overlap fabrics over at least 5 cm**

AMOUNT OF EPOXY H :

- For vertical parts or ceiling : 350-500gr/m² in two or three layers
- For horizontal parts : 500-600 gr/m² in two layers
- For floor of hammam 600-800 gr/m² in two layers
- S 408 : an average of 0.5 to 0.6 Kg/m² in vertical layer
- S409 : an average of 1Kg to 1.5Kg in horizontal layer

PREPARING MIXTURE:

Unikofloor® HT HAMMAM is composed of a bucket where are found:

- A bottle of resin N°3
- A recipient or hardener N°1
- A recipient of activator N°2
- A recipient of colouring
- A bag with mineral fillers

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1. Pour hardener N°1 into activator N°2 and mix together for a whole minute
2. Pour color into resin recipient N°3
3. Shake recipient resin +coloring for one minute.
4. Pour out resin N°3 into bucket.
5. Pour and stir at same time mixture for hardener N°1 and Activator N°2
6. Pour fillers a little at a time into the resin wearing a mask.
7. Stir entire mixture during one minute. The thick dough thus obtained must be flexible and homogeneous.

NB: We advise to use a skimming blade to stir the mixture of resin and fillers. It is also preferable to use a two speed mixer. (Speed 1: 150 to 300 rpm and speed 2: 300 to 600 rpm) Speed N°1 to start mixing and speed N°2 to air product before applying.

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APPLYING UNIKOFLOOR® HT HAMMAM

The layer of Unikofloor® HT HAMMAM must be applied in two thin layers on a dry dust free substrate.

It is vital to use a skimming knife « Parfait liss » when applying SP1.

It is highly recommended to start by sides and corners, and then rake making wave movements between two applications.

Work with regularity and avoid going over the same area.

After the first layer has dried, you will sand it with a grain 80 to surface the substrate.

We will deposit about 1.1 Kg of product for first application and 900 gr for second application.

The idea being to make the surface as flat as possible.

Warning, it is imperative to maintain a minimum temperature of 15 °C when applying. In the opposite case, the necessary must be done to meet laying conditions. You can accelerate drying by using an air blower and a desiccant dehumidifier.

Lay impregnation varnish in 2 layers with glove or micro fibre.

Lay varnish 104NV in two layers with roller.

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RECOMMENDATIONS AFTER LAYING VARNISH

In order to avoid the unpleasantness of having infiltrations, you must :

- Hinge access door to Hammam after having layed Unikofloor SPHT coatings
- Glue output end of probe with MS polymer
- Screw and glue with MS polymer output of vapor
- Apply a line of MS polymer glue on light spots to make waterproof
- Apply a line of MS polymer on loudspeakers to make waterproof.
- Apply a line of MS polymer on CMV to make sealing.
- Make sure you lay a joint of MS polymer between doorframe and wall.
- Seal all the fixing holes with Ms polymer
- Apply a line of Mspolymer between the junction of the resin and the fittings

We strongly advise against the integration of mosaics or earthenware into the resin as infiltrations can appear over time. We advise against placing a window in the Hammam which faces towards the outside of the building because of the risk of infiltrations by capillarity.

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CLEANING PROTOCOLE

- After each use, clean with anti-bacterial unikonet plus.
- Recommendation for optimal hygiene: once a week, use following mixture with sprayer: once liter of white vinegar plus 30 drops of essential tea tree oil and leave on for 4 to 5 hours before rinsing with clear water. EO tea tree is anti-infective, a broad spectrum anti-bacterial, antifungal and anti-parasite.

VARIOUS REMARKS

We recommend the use of the product DERMOSAFE HAND PROTECTION before starting work: DERMOSAFE HAND PROTECTION is a non fat lotion which forms a screen preventing products from penetrating into the skin and facilitates washing of hands.

Use a dust mask when sanding between layers.

USUAL PROTECTION

The use of a dust mask is obligatory when mixing and sanding.

You must a cartridge mask when mixing epoxy H and S as well as with varnish 104. It is recommended to use vinyl gloves during mixing and application.

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