# Unikofloor® HT
# Mineral resin with three components
# **for « Concrete effect »**

**DESCRIPTION:**

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

Unikofloor® HT benefits from « RHA » technology (Resin Hardener Activator) which is a three component hardener conceived to respond to extreme laying conditions in terms of temperature and air humidity.

Its composition is free of hydraulics, cement, lime or plaster.

The Unikofloor® HT concept is composed of 2 products :
Unikofloor® HT SP1 spatulable N°1 in 2 layers which make up the bulk of the coating using RHA technology. The setting of Unikofloor® HT SP1 is realised thanks to the help of a resin acrylic, a hardener, an activator and silica fillers.

Unikofloor® SP2 N°2 is spatulable in 1 layer and realises a finish using bi-component mineral resin technology.

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 leavlet 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 guaruntee 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 guaruntee proper usage of our product to take part in our approuved 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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**USAGE :**

Unikofloor® HT can be applied to all types of material, from the floor to the ceiling.
Its composition confers an elastic quality which avoids crackling and therefore enables you to realize seamless surfaces.

The waterproof quality of Unikofloor® HT means it can be employed in bathrooms, Italian showers, sinks and rooms said to be humid.

**According to the material, you will use the appropriate Unikofloor® SP support preparation chart handed out during the training courses**

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## TECHNICAL CHARACTERISTICS :

Thickness used: about 2mm

Density of fresh mixture: 1.75

PH 8.2

Weight: 2 to 2.2 Kg/m²

Amount used of SP1: 1.7-1.9 Kg /m²

Amount used of SP2: 150gr - 200gr /m²

Composition of SP1: Acrylic resin without solvent
Acrylic hardener without solvent
Acrylic activator
Bag of powder based on mineral fillers.

Composition of SP2: Acrylic resin without solvent
Acrylic hardener without solvent
Bag of powder based on mineral fillers.

Pre-dosed kit: Spatulable N°1 Packaged in 20Kg – 5 Kg
Spatulable N°2 Packaged in 3.5Kg

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Time of usage after opening and mixing Unikofloor® HT SP1: 24 hours

Time of usage after opening and mixing Unikofloor® SP2: 7 days

Temperature use: + 15°C to 30°C

Humidity: 40 % to 98%

Colours : confer colour chart

Store products away from freezing

To clean tools:  water.

**PREPARATION OF MIXTURE:**

For as SP1 kit, Unikofloor® HT is composed of a bucket containing:

A bottle of resin N°3

A recipient of hardener N°1

A recipient of activator N°2

A recipient of colouring

A bag of mineral fillers and special adjuvants.

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1) Pour hardener N°1 into activator N°2 and mix for one minute.
2) Pour colouring into the resin recipient N°3.
3) Shake recipient n°3 resin + colouring for 1 minute.4) Pour content of resin N°3 into bucket.
5) All while mixing, pour in hardener N°1 and activator N°2.
6) Pour in charges little by little into the bucket.
7) Mix all for 1 minute. The paste obtained must be supple and homogeneous.

Concerning SP2 kit, Unikofloor® SP is composed of:

A bottle of unikofloor® SP resin

A recipient of unikofloor® SP hardener

A recipient of colouring

A bag of mineral fillers.

1) Pour hardener into resin recipient.
2) Pour colouring into the resin recipient
3) Shake this recipient for 1 minute.
4) Pour its contents into bucket.
5) Pour in fillers little by little into the resin
6) Mix all for 1 minute. The paste obtained must be supple and homogeneous.

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**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.**

## LAYING UNIKOFLOOR® HT

- ***Unikofloor® HT SP1 layer***

The layer of Unikofloor® HT SP1 must be applied in two thin layers on a dry dust free surface.

You must use a « Parfait Liss » coating knife to apply SP1

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

Work with irregularity 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.

Wear a mask while sanding.

Vacuum clean in crossing directions and then start the process over again

We will deposit about 1 Kg of product for first application and 800 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 reach laying conditions.**

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- ***Unikofloor®SP2 layer***

Once the Unikofloor® HT SP1 product is completely dry, lightly sand the whole surface using and abrasive grit N° 80 to diminish asperities of SP1

Thoroughly vacuum clean all residue. Then, using a slightly damp specific microfibre, pick up fine dust from your floor.

In order to obtain the wanted concrete effect, put on a layer of polishing Uniprim and leave for 2 to 5 minutes before applying Unikofloor® SP2.

You must use a « Parfait Liss » coating knife to apply Unikofloor® SP2.

It is highly recommended to start by sides and corners, and then rake making wave movements between two applications. Work with irregularity and avoid going back over the product.

When product is dry, sand with fine abrasive grit N°150. Wear mask during sanding. After vacuum cleaning in crossed directions, use a slightly humid specific microfibre and wipe off remaining dust from floor.

**Warning: it is imperative to maintain a minimum laying temperature of 18°C. If this is not the case, do the necessary to meet laying conditions.**

**IMPORTANT: we advise to turn off floor heating during before application of resins to facilitate sanding.**

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- **Laying varnishes**

It is imperative to follow Unikoprotect Imp and then Unikoprotect 100, 110, 120, 140 NV technical sheets to protect floor from stains and facilitate cleaning.

## 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.

The use of appropriate individual security equipment is obligatory

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