

MARIUS AURENTI



M350
ULTRA FIN

18,8 kg
41,45 lb

MORPHEO M350 ULTRA-FIN + MORPHEO BLUSH CONCENTRATE

3-component kit for floors, walls, bathrooms and furniture.
It allows you to finish surfaces in Morpheo M700 Classic or
Morpheo M700F Fluide (1kg per m²).

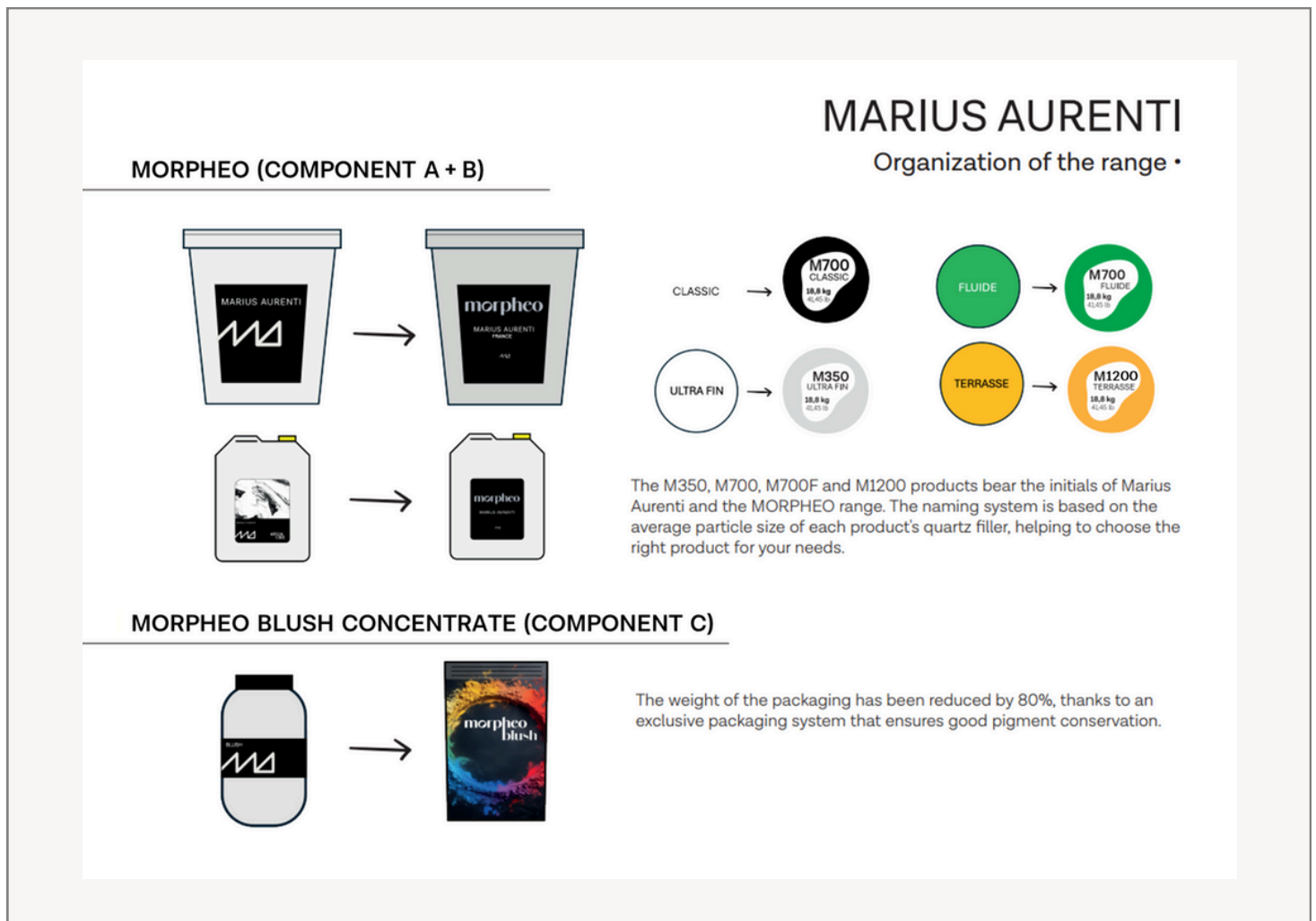
Marius Aurenti has decided to unify the brand's messaging and create a distinctive name for his decorative mortars range.

This name evokes the products' ability to transform a space, give shape to materials, and alter environments.

The new range name is MORPHEO by Marius Aurenti. This timeless, almost ancient sound carries the notion of metamorphosis. Etymologically, "morphe" means form, and Morphéo is 'the one who gives birth to form.'

Morphéo represents the ability to transform, metamorphose, and innovate in architecture.

With Morpheo, the buckets will contain between 50 and 80% recycled plastic.



High-tech mortar for finishing surfaces previously applied in Morpheo M700 Classic or Morpheo M700F Fluide in 2mm thickness. It provides a perfectly aesthetic finish, extremely smooth with very good flow on floors, walls, bathrooms, worktops, objects, etc.

It is available in 71 colors (MORPHEO BLUSH CONCENTRATE).

This product is a finishing layer that gives a smooth texture to the Marius Aurenti Micro Concrete (see the System Sheet on the following page). It will be necessary to choose the mass layer (M700 Classic or M700F Fluide Micro Concrete) and the protective layer (varnish, impregnation or wax) adapted to the uses and premises.

A maintenance guide presents the recommendations according to the finishes and uses.

PACKAGING

3-component kit

- Morpheo M350 Ultra-Fin component A / 18.8 kg
- Morpheo LPA binder component B / 5.32 kg
- MORPHEO BLUSH CONCENTRATE / 1.2 kg



Features

The Morpheo M350 Ultra-Fin System includes:

- a layer of preparation of the supports
- a mass layer
- a finishing coat

Refer to their respective Technical Data Sheet and Safety Data Sheet for each of them.

	SUPPORT	TRADE NAME	NUMBER OF LAYERS	TOTAL CONSUMPTION
SUBSTRATES PREPARATION LAYER	New and old hydraulic supports	Porous Soil Primer	1 to 2 coats depending on the porosity of the support	100 to 200g/m ² depending on the porosity of the support
	Tiling	EPX2 Superior Primer + SQ10	1 to 2 layers depending on the support	1 to 1.5 kg/m ² of EPX Superior Primer 1 to 1.5 kg/m ² of sand
	Wood derivative (chipboard, MDF, plywood, etc.)	Wall Primer	1 layer	100 à 120 ml/m ²
MASS LAYER	New and old hydraulic supports Tiling Wood derivatives (chipboard, medium density fibreboard, plywood, etc.)	Morpheo Decorative Millimetric Mortar Morpheo M350 Ultra-Fin	2 to 3 layers	from 2kg/m ² to 4 kg/m ²
PROTECTIVE LAYER	/	Pore Filler No. 5 + Varnish No. 7 Visco, IF3 Fixative or HL8	2 layers or ≥ 3 layers	100 to 250 g/m ² 250 to 300 g/m ² 300 to 430 g/m ² minimum

The Morpheo M350 Ultra-Fin System + MORPHEO BLUSH CONCENTRATE is available in 71 colors from the Marius Aurenti IRIS Color Chart.

SUBSTRATE AND PREPARATION OF THE SUBSTRATE

Morpheo M700 Classic or Morpheo M700F Fluide without any finish, applied in 2 mm thickness.

Before applying the layer of Morpheo M350 Ultra-Fin, it is possible to sand the surface (grain 80, 100 or 120) or scrape the ridges using an American knife then remove dust using a vacuum cleaner.

Precautions

COLORS AND MIXES

To ensure uniformity of color, for the same project, use the same batch number of components A and the same batch number of MORPHEO BLUSH CONCENTRATE.

MORPHEO BLUSH CONCENTRATE contains pigments, fillers and adjuvants in different proportions in order to obtain a constant rheology (fluidity and consistency) of the final product. It is strictly forbidden to mix the concentrates together.

Morpheo M350 Ultra-Fin bases are semi-finished materials. It is essential to add a concentrate to them so that the properties of Morpheo M350 Ultra-Fin are complete and the formula stable. Even in white, the addition of a white MORPHEO BLUSH CONCENTRATE is mandatory. Using the base alone without adding the concentrate changes the nature of the product and reduces the chemical and mechanical performance of the system.

The use of the product must be done by the strict mixing of the 3 components.

Never add water.

USES

Use in saunas and hammams is excluded.

Do not apply to solid wood, soft wood floors, plastics and textiles, unglazed terracotta, floor tiles and gypsum fibre panels such as Fermacel.

STORAGE AND SECURITY

1 year in its original unopened packaging, protected from sunlight and frost, at a temperature between +5° and 25°C, ideally between 15 and 20°C. Check the DLUO (best before date) on the packaging before use. Once opened, the product must be used within 7 days.

Use appropriate personal safety equipment described in the Safety Data Sheets.

For further safety information, please consult the Safety Data Sheet.

Preparation is carried out using a dry mix (allows the kit to be used several times) or a wet mix (complete use of the kit).

DRY MIX

In the case of a dry mix, always mix the base (Component A) and the Blush Concentrate in their entirety before proceeding with any possible division.

- Roll the base bucket to aerate and soften the material
- Open the base bucket and make a slight hollow in the center of the base
- Shake the Blush Concentrate jar and open it
- Pour the Blush Concentrate into the center of the base bucket
- Block the bucket with your feet and mix the base and the Blush Concentrate (ideally with a mixer for pasty products, contact us for prices)
- Immerse the mixer and gradually increase the speed
- Continue mixing by making vertical and lateral movements, straight and inclined, in order to mix the contents perfectly. Insist on the edges at the bottom of the pot so as not to forget these corners that are most difficult to mix. During the first mixes, we advise you to pour the mixed contents into a bucket of the same size in order to visually check the quality of the mixture and to redo it if necessary. The mixing time should not be less than 1 minute
- Add component B (liquid) to the quantity of prepared powder: base (Component A) + MORPHEO BLUSH CONCENTRATE perfectly mixed according to the instructions in the table below:

COMPONENT B (LIQUID) IN KG	COMPONENT A + MORPHEO BLUSH CONCENTRATE (COLORED POWDER) IN KG	READY TO APPLY PRODUCT IN KG
0,21	0,79	1,00
0,42	1,58	2,00
0,63	2,37	3,00
1,26	4,74	6,00
2,66	10,00	12,66
5,32	20,00	25,32

Note: the conservation of the materials once mixed dry is not altered by the mixture if the buckets (base + Blush Concentrate) are closed and stored under the normal recommended conditions.

WET MIX

- Pour the liquid part (component B, 5.32kg) into a clean, empty bucket
- Shake the pot of MORPHEO BLUSH CONCENTRATE and open it
- Pour the MORPHEO BLUSH CONCENTRATE into the liquid
- Block the bucket and mix at progressive speed until the liquid and the Blush Concentrate are homogeneous.
- Add the powder (Component A) into the liquid.
- Mix mechanically for 2 to 3 minutes until a homogeneous mixture is obtained.

Never add water



HYGROMETRY

The application of the Morpheo M350 Ultra-Fin System must be carried out in an ambient relative humidity range of between 30% and 80% except for varnishes which require a humidity range greater than 40% and less than 80%, ideally between 50% and 65%.

Humidity conditions should be maintained for at least 48 hours after application of the final coat.

Protect from wind, direct sunlight, rain, frost and the surrounding flora and fauna during application and setting of the components.

Before any application, check the humidity of the support (4% maximum humidity and $\leq 0.5\%$ for fluid screeds based on calcium sulfate).

TEMPERATURE

Before starting any application, it is imperative to check the temperature of the substrate and the ambient temperature. The temperature of the substrate must be between $+5^{\circ}\text{C}$ and $+25^{\circ}\text{C}$ (ideal temperature: $> 15^{\circ}\text{C}$ and 20°C). It must be at least 3°C higher than the temperature corresponding to the dew point.

The Morpheo M350 Ultra-Fin System can be applied at ambient temperatures between 5°C and 25°C for Micro Concrete and between 15°C and 25°C for varnishes, at least 24 hours before the first application and at least 24 hours after application of the last coat.

Low and high temperatures will slow and accelerate setting, respectively. Application should not be carried out in freezing or hot weather. Provide heating or cooling systems if required by the job site.

APPLICATION MATERIAL

Trowel, 6 mm notched comb with triangular teeth (first layer only).

Smoother of the Parfait'Liss 35 cm type or stainless steel or plastic smoother 200 mm.

Sponge trowel or mason's sponge (dry) for a non-slip finish.

Cleaning tools with water.



Apply a first coat and possibly a second coat of Morpheo M350 Ultra-Fin, in a thin layer. These finishing coats determine the final grain of the coating and allow it to be smoothed. These coats will be applied with a smoothing trowel in the direction of the coats of Morpheo M700 Classic or Morpheo M700F Fluide.

It is important to note that a stainless steel application tool may leave dark marks (especially on light colors). A plastic tool may be preferred.

After 24 hours of drying (at 20°C), sand the surface (grain 80 then 100 then 120) using an orbital sander (or a single-brush machine for floors) then dust using a vacuum cleaner.

The corners must be sanded by hand. The intensity of the sanding will finalize the surface appearance (grained or smooth) and bring out the material effects. If the surface is deemed satisfactory and compliant, proceed with the application of the protections.

4 possible protections (refer to the Technical Data Sheets for these products):

Interior protections:

- IF3 fixative
- Pore filler no. 5 + varnish no. 7 (combined use is mandatory to avoid whitening)
- Hydrolak HL8

External protection:

- Terrace Impregnation No. 2

CONSUMPTION

DESTINATION	DETAILED DESCRIPTION	CONSUMPTION OF MICRO CONCRETE / M2	THICKNESS	SURFACE MADE FOR 1 KIT + BLUSH
Dry decorative wall	Interior wall on smooth support	1 kg/m2 for 2 layers	env 0,7 mm	24m2 env
Residential flooring	Screed with or without heating in residential premises			
Intensive floor and walls	Interior or exterior tiling Floor on screed of ERP Old tiling on Epoxy Floor and wall receiving water Exterior wall on formwork concrete (excluding seafront) Furniture			

DRYING TIME AT 20°C AND 60% RELATIVE HUMIDITY

OPEN TIME	25 to 30 minutes
DRY TO THE TOUCH	4 hours
BETWEEN THE LAYERS	24 hours minimum
COMPLETE DRYING	2 days but mechanical resistance reached after 28 days

The surface must not be exposed to all stresses before the treatment system has completely dried, i.e. 7 days at 20°C and 60% relative humidity.

Between 2 days and 7 days, light traffic may be permitted with the following precautions: micro-breathable protective tarpaulins such as Landolt Floorliner Vapor, traffic in socks or overshoes. No exposure to water or chemical agents should be carried out, exclude friction and scratches of furniture. It is forbidden to apply adhesives to the coverings.

Do not lay carpet for 7 days.

IMPORTANT NOTE THREE:

The maximum hardness of the Morpheo M350 Ultra-Fin System is obtained after 28 days of drying.

The reception of the floor must take place immediately after the end of the work. The newly completed Morpheo M350 Ultra-Fin System will be protected from the interventions of other trades by protective materials allowing ventilation (see Technical Data Sheet for Varnish No. 7 Visco, IF3 Fixative & HL8).

Delay before the first wet maintenance: 3 days minimum after applying Varnish No. 7 Visco, IF3 Fixative & HL8. Follow the instructions in the Marius Aurenti maintenance booklet

Technical characteristics and performances

PRODUCT APPEARANCE

Component A: colored powder

Component B: white liquid

Mixture: thixotropic mortar

DENSITY A+B (AT 20°C)

About 2.1

MARIUS AURENTI

For 40 years, Marius Aurenti has been innovating to improve the performance of decorative materials and the sensations they provide.

A mineral and plant aesthetic, close to Nature to which our works pay homage and for which our environmental commitment is total.

MA's is also present, through its training and support, alongside quality French craftsmanship which, every day in our workshops and in the field, strives to make each place unique, beautiful and timeless.



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