

# MATÈRIKA<sup>®</sup>

light



## TROWEL APPLIED, COLOURED RESIN FINISH FOR MATÈRIKA

**Color**  
NEUTRAL (to be coloured with appropriate colouring pastes)

**Average consumption**  
0,450 kg/m<sup>2</sup> (one coat)

**Packaging**  
1 kg • 3 Kg • 5 Kg • 10 Kg • 20 Kg

MATÈRIKA LIGHT is a monocomponent coloured resin paste with fine granules to be applied (optional) on MATÈRIKA for a smoother finish. This product is used when a smooth aesthetic finish with a lower degree of porosity is required, while maintaining the exclusivity and aesthetics of the MATÈRIKA system.

The product is made from special resins reinforced with microfibers that guarantees high abrasion and traffic resistance over the applied support. It does not contain solvents.

### Use

MATÈRIKA LIGHT is used to smooth MATÈRIKA, to give a lower degree of porosity while maintaining the same aspect, for internal surfaces (walls and floors) with civil use (homes, hotels, showrooms, shops, offices, etc.).

### Advantages

- Monocomponent
- Quick and easy to apply
- Solvent-free
- Maintains aspect of MATÈRIKA

CE

EN 13501

## How to use

### Surface quality

The support (MATÈRIKA) must be made in the appropriate manner, as per the technical sheet, free from any residual dust or dirt.

### Surface preparation

The last coat of MATÈRIKA must be completely dry, properly sanded and cleaned with suitable machinery and must be coated with MATÈRIKA LIGHT within 24 hours.

### Product preparation

MATÈRIKA LIGHT is colourless and can be coloured with water-based colouring pastes (also integrated tinting systems). It is advisable to add 3% of colouring paste to the total product weight (30 g per 1 kg), reaching a maximum of 5% (max 50 g per 1 kg) for colour correction.

Keep in mind that the colouring pastes may affect the viscosity of MATÈRIKA LIGHT.

To ensure perfect colour homogeneity, mix the product well with shaking or mixing machines.

*When using different colouring products, colouring charts or tinting systems, the colour may differ (greater or lesser extent) the product aspect and the visual light effect. In order to obtain the desired colour, it is advisable to carry out some samples before. Keep in mind the fact that, to its peculiarities and the reasons described above, the result can never be identical to a reference of a different colour product. In addition consider any colour changes at product dry and the shading given by finishing coatings.*

Before proceeding with the application it is necessary to mix the product well inside the package with a low speed mixer.

### Application of the material after the surface preparation

Pour MATÈRIKA LIGHT onto the surface and apply it using a smooth steel trowel (usually one application is sufficient) in a homogeneous manner, until the desired finish is achieved.

Undulate the trowel strokes to enhance the appearance of the material.

The minimum product consumption is approx. 0.450 kg/m<sup>2</sup>. for coat.

## Finishes for Matèrika Light

At product dry and after at least 24 hours from application (at a temperature of about 23-25 ° C and 60-65% Humidity.), sand the surface area with suitable equipment and remove all dust.

Recommended sanding disks:

- Abrasive disc gr. 120.

(Make sure the disks used do not stain or colour).

Afterwards proceed with the application of the transparent finishing coating called "K FINISH", applied in three coats (according to technical sheet) or "K FINISH MONO" in two COATS (according to technical sheet).

After 24 hours (at a temperature of about 23-25 ° C and 60-65% Humidity), finish the work by applying two or three coats of protective wax called "K WAX" (see technical sheet). Do not apply "K WAX" in showers or bathtubs.

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light



K Finish or K Finish Mono



K Wax opaque or semi-glossy effect



## Technical data

PARAMETER	VALUE
Product constituent	mono component, thixotropic paste
Color	NEUTRAL (to be coloured with appropriate colouring pastes)
Specific weight UNI EN ISO 2811-1	1,63 ± 0,050 gr/m <sup>3</sup>
Granule	>0,3 mm
Application temperature	+10°C + 30°C
Touch dry Temp. 25°C – 60% humidity	2 hours
Maturation Temp. 25°C – 60% humidity	48 hours
Average consumption	0,450 kg/m <sup>2</sup> (one coat).
Storage	12 months at temperature between + 5° and +30°C away from direct sunlight and ice

MATÈRIKA reinforced with glass net FV 160 and finished with MATÈRIKA LIGHT  
Compression strength

Step	Load (kpa)	Vertical (mm)
1	1000	0,150
2	2000	0,240
3	3000	0,298
4	4000	0,340
5	5000	0,390
6	6400	0,435
7	5000	0,417
8	4000	0,412
9	3000	0,410
10	2000	0,380
11	1000	0,349
12	0	0,270

## Packaging

1 - 3 - 5 - 10 - 20kg

## Warning

Optional finishing product for MATÈRIKA. Do not add water or other substances besides the permitted dyes, the product comes is ready for use.

Respect the indicated application temperatures.

Any product left must be covered with a plastic sheet to avoid hardening before closing the lid.

Keep the package in place vertical, pay the utmost attention to don't turn it upside down.

For reference always consult the latest technical sheet ([resinamaterica.com](http://resinamaterica.com)).

## Specification

Mono-component micro-fibre coloured resin, called "MATÈRIKA LIGHT" (Naici)

to be applied on walls and floor coverings made with MATÈRIKA (NAICI), to which it bestows a lower degree of roughness while maintaining the exclusive aesthetic effect. For interior and domestic use such as houses, offices, shops, showrooms, hotels, etc. The application is done with a steel trowel, in one coat for a total average consumption of approx. 0.450 kg / mq. The finish consists in the application of three coats of transparent polyurethane coating, called "K FINISH" or "K FINIH MONO" in two coats (according to technical sheet). and two / three coats of protective wax called "K WAX" (NAICI), as indicated technical sheets.

