

Payunia

Cementitious coating with controlled granulometry. Breathable.

Classification

Cementitious finishing coating (not filling), ideal to create decorative coatings for external (and internal) use like floors, walls, furniture, swimming-pools etc.

Technical data

Its permeability makes it suitable for application over surfaces subject to the passage of humidity. Thanks to its formulation, when dry Payunia achieves an excellent flexibility and very high resistance. Thanks to its adhesion over many different substrates, and to an overall thickness of 3 to 5 mm, it can be applied directly over an exhisting surface without having to remove it.

It becomes an inhert from all points of view therefore it is subject to the process of natural ageing.

Intended use

Payunia is suitable for new constructions as well as for the renovation of parks, gardens, façades, swimming pools, furniture etc. Some copmatible substrates are: cement, ceramics, marble, iron, plastered walls, MDF, screeds, tiles, radiating floors etc. Over unstable substrates like wood, it is necessary to strengthen the substrate with two layers of fiberglass net, crossed.

Not to be used

NOT a waterproofing coating. IT IS NOT WATERPROOF.

Not to be used over gypsum-based plasters and flexible substrates, over rubber, pvc, vynil, filming sealers, non-cementitious waterproofing membranes, over natural stones subject to movements or instabilities.

Surface preparation

The surface must be consistent, set and free from dust, oil, grease, glue residues, or loose parts. Remove all loose material. Surface must be dry and it must be sufficiently planar, otherwise it has to be sanded down with a coarse grinding wheel.

Product preparation and application

PAYUNIA can be applied only when blended with its specific emulsion Lichi Hilli and when 15% to 20% water is added (pls note that all liquid components are considered in kg according to the powder component specific weight). USE DEMINERALISED WATER.

Apply by spatula as a traditional finish; its hardening time is conceived to facilitate the application process. Due to its wide decoration capabilities, its is suitable to almost any kind of environment.

When applied on big surfaces in lack of joints micro crackings might appear. It is therefore suggested to make joints. According to the desired effects, different granulometries are available, between 0,300 upto 1,5 mm.

Cleaning

Tools must be cleaned with water before product dries.

Consumption

Approx. 1,5 to 2 kg/sqmt for each mm in thickness.

Important Notice

All cement-based products are subject to potential tone variations due to environmental conditions.

Payunia is composed mainly of natural raw materials from caves therefore color nuances might vary. It is suggested to make a small sample application before proceeding to check the actual specific final result.

In exteriors, the finish will age with time due to weather abuse, as all natural products do.

NOTE: Payunia supplies the full application cycle, from substrate preparation to topcoat protection to give the maximum colour reliability achievable. Use of non-original topcoats may lead to differences in respect to the intended final tone. In such case a local application test is a must.

Warning: this product is intended for professional use only.

Remarks

Instructions and recommendations provided by the present sheet are to be seen just as an indication and come from our daily experience. We recommend testing the product before application in order to make sure that it meets requirements and expectations. The producer cannot be liable for the way, place and time his products are used, except for the constant material's quality.

Professional product

Use protective glasses and gloves. Contains cement. For more informations consult the safety data sheet.

Complies with E.U. norm: European norm: N.C.

Product data

Colour: beige - pigmented

Form: powder Solid residue %: 100

Volumic mass kg/l: approx. 1,7

Danger classification according to EU directive 1999/45/CE: irritant.

Important: read carefully the information in the present sheet, on the product packaging and in the specific material safety data sheet.

Storage: DO NOT STOCK. Use only fresh product. In case store in a dry ventilated place for no longer than three (3) months

Package: 24 kg

Customs code: 3824 50 90.

Other infos

Blending water: 15-20%

Lichi Hilli: 20%

consumption: 1,5-2 kg/sqmt for each mm in thickness Temperature range for application: >+5°C, <+35°C.

Ideal temperature: +20°C.



Safety data sheet

For your own safety

- The use is allowed only for professional
- Contain cement

- R/36/37/38: irritating to eyes, respiratory system and skin
- R41: risk of serious eyes damage
- R43: may cause sensitization by skin contact
- Use protection glasses
- Use protective mask
- S2: keep out of reach of children
- S22: do not breathe dust
- S24/25: avoid contact with skin and eyes
- S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36/37/39: wear suitable protective clothing, gloves and eye/face protection
- S46: if swallowed seek medical advice immediately and show those indications





Payún Liso

Two-component materic finishing product for walls, floors and forniture. Application by spatula. Exellent adhesion and medium elasticity. For interiors use.

Classification

Cementitious finishing stucco for walls, floors and furniture.

Technical data

Payún Liso is particularly suitable for both new constructions and renovations. It is perfect for residential and commercial spaces like shopping centers, restaurants, offices, conference halls etc.

Ease of installation

It can be applied with a spatula like a traditional stucco.

Its open time, setting and hardening time have been formulated to facilitate as much as possibile its application.

Flexibility and initial resistance

Thanks to its composition, Payún Liso has, after hardening, an unsurpassed adhesion, high elasticity and resistance to abrasion and shock.

Thanks to its adhesion and its thin thickness of 3/5 mm., it can be applied on various existing surfaces without having to remove them.

The mineral component of the product makes it compatible with all surface treatments such as waxes, polyurethanes, epoxies, oil-water repellent, depending on the final desired effect.

Please Note

Payunia supplies the full application cycle, from substrate preparation to topcoat protection to give the maximum colour reliability achievable. Use of non-original topcoats may lead to differences in respect to the intended final tone. In such case a local application test is a must.

Grain size

Depending on the final desired effect, Payún Liso is available in three different grain sizes: 150-300-500

Areas of application

Exellent to obtain decorative effects on many kinds of interior surface such as floors, walls, counters, furniture, doors, etc.

Backgrounds

Cement, ceramics, marble, iron, plastered walls, gypsumboard, MDF, screed, tiles, heated floors.

In case of unstable substrates like wood, it is necessary to strenghten the substrate with two layers of fiberglass net, crossed.

Do not use

On rubber, PVC, linoleum, insulating films, non cementitious waterproofing membranes. Not to be used on stone slabs liable to moisture expansion, substrates subject to continuous rising dump.

(no problem with the use of detergents excluding those that contain chemical solvents too harsh)

Surface Preparation

The surface must be consistent, set and free from dust, oil, grease, glue residues, or loose parts. Remove all loose material.

Surface must be dry and it must be sufficiently planar, otherwise it has to be sanded down with a coarse grinding wheel. We recommend to reinforce the surface armouring it with a fiberglass net. It is suggested to prime it with Lichi-Rumi primer. On large surfaces, joints are suggested to prevent micro crackings.

Product Preparation

Mix Payùn Liso with 25% of Rumi-Yaku and add 20/30% of water depending on weather conditions (liquids should be considered in kg according to the specific weight of the powder part).

Spread the mix by spatula.

The first coat is required for grip and to give mechanical strength to the finish; when it is completely dry, apply the final coats you need to obtain the final effect.

Finishing treatment

Before applying any kind of finish, check that substrate is completely dry (at least 24h, depending on weather conditions).

To make absorbption even, saturate the surface with Lich Rumi (primer) before applying the finish.

Cleaning

Tools are to be cleaned with water before material dries up.

Important notice: All cement-based products might show colour variations caused by particolar environmental conditions.

Warning: this product is for professional use only.

Remarks

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Professional product

Use protective gloves and goggles. Contains cement. For further and complete information please refer to safety data sheet.

Complies with European norm: N.C.

Product identity

Product data

Colour: neutro-coloured upon request

Type: powder

Dry solid content %: 100 Bulk density kg/l: 1,55 ca.

Hazard classification according to EC 1999/45/CE: irritant

Important: read carefully the information in the present sheet, on the product packaging and in the specific material safety data sheet.



Storage: DO NOT STOCK. Use only fresh product. In case store in a dry ventilated place for no longer than three (3)

months.

Packaging: 25 kg

Custom code: 3824 50 90.

Mixture composition and properties (at 23°C and 50% relative humidity)

Added water: 20/30% Rumi-Yaku: 25%

Pot life: approx. 1 hour

Consumption: approx. 1-1,5 kg/m² for each mm. of thickness (it depends on the surface's conditions)

Application temperature: +5°C +35°C

Setting time: 30 minutes

Time between two coats: from 12 to 24 hours (it depends on the surface and weather conditions)

Time before finishing: Wait 24 h or more (it depends on weather conditions)

Ready to light foot traffic: 24 h

Ready for use: 4 days Mixture pH: 12.

Final performance

Compression strength granulometry from 0 to 500 micron (after 28 days EN 13892-2 N/ mm²): approx. 40 Flexure strength granulometry from 0 to 500 micron (after 28 days EN 13892-2 N/ mm²): approx. 8 Abrasion Resistance Taber method(0 -500 micron)(stripes S42; 1Kg; 3000 rounds) (EN 5470):< 1,0g

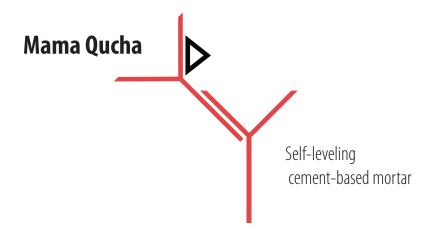
Safety data sheet

For your own safety

- The use is allowed only for professional
- Contain cement.

- R/36/37/38: irritating to eyes, respiratory system and skin
- R41: risk of serious eyes damage
- R43: may cause sensitization by skin contact
- Use protection glasses
- Use protective mask
- S2: keep out of reach of children
- S22: do not breathe dust
- S24/25: avoid contact with skin and eyes
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Mama Qucha

Self-leveling mortar for floor coating, premixed, ready to use, up to standard EN 13813, based on apecial hydraulic binders. Mama Qucha has great adhesion, high performance, wear resistant, fast grip and high workability. Ideal for paving thin,smooth, refined and very large areas. Internal use only.

Classification

Self-leveling coloured cementitious mortar, class CT C30 F7 A6, wear resistant, high adhesion.

Technical data

Fluidity, anti-segregation and self-leveling

Mama Qucha is a new generation mortar that combines the lowest water/binder ratio with an excellent fluidity and workability. Its extremely slow fluidity doesn't allow segregation. That makes it possible to work for a long time ensuring at the same time a very high quality surface.

Maintainability

Despite being a cementitious mortar, Mama Qucha technical characteristics allow an easy maintenance. The surfaces where Mama Qucha is applied can be easily washed also with hi-pressure, hi-temperature cleaners exerting high stress on the surface.

Mama Qucha is not affected by the use of detergents except for chemical products that contain extremely corrosive solvents. In order to ensure a surface with high hygienic requirements and oil-water repellency, we recommend to treat the product with a low-thick transparent acrylic or polyurethanic impregnating finish.

Anti-shrinking

Despite being a fluid product with an extremely fine particle size, Mama Qucha, when mixed with the correct water quantity, shows no shrinking in spite of a high dosage of binders.

Aesthetic performance

Among the range of cementitious floorings, Mama Qucha represents the spearhead of self-leveling finishes for horizontal surfaces as regards the aesthetics. Applied in a thickness of 3/4 mm, it is perfectly smooth, satin-look, extremely pleasant to the touch and with textured consistency.

High elasticity and good deformability

Mama Qucha is a mortar rich in high-quality polymers, which allow to obtain a high adhesion even on difficult substrates. Furthermore Mama Qucha can withstand high-mechanical stress, even caused by heavy vehicles. In average, it is capable of deforming upto 20% before cracking.

It can be applied on various existing surfaces without having to remove them.

Areas of application

Interventions

Excellent for flooring indoor.

Ideal for use in domestic, commercial and heavy traffic industrial areas, resistant to thermal shocks and frost.

Ideal for paving schools, gyms, offices, warehouses and cold stores, agro-industries, dairies, mills. It is most suitable to slaughterhouses too, as it is constituted for 94% of mineral products and for 6% of the products certificated for this type of use.

Good aesthetic quality and colour rendering.

Substrates

Cementitious and ready-to-use screeds, precast or cast in situ concrete, aerated concrete, heated floors.

Excellent with cementitious waterproofings.

Good for overlaying on cementitious tiles.

On glazed, resin or cement-based tiles, on stoneware, plasterboards, on epoxy or flexible primers, on fiber cement; on metal after preparing the surface by creating bonding bridge.

In case of unstable substrates like wood, it is necessary to strenghten the substrate with two layers of fiberglass net, crossed.

Do not use

On plasterboard and flexible substrates.

On rubber, PVC, linoleum, insulating films, non cementitious waterproof membranes.

Substrate preparation

The surface must be consistent, set and free from dust, oil, grease, glue residues, or loose parts. Remove all loose material

It must be properly planar otherwise it should be smoothed down through sanding with a coarse grinding wheel. If you need to perform concrete castings, these should be trowelled to remove the excess of water on surface.

NOTE: In all cases, the day before a coat of pure Lichi Rumi MUST be applied, to prevent the absorption of the substrate. On large surfaces, joints are suggested to prevent micro crackings.

Preparing and applying the misture

The most delicate part of the application is the diluition and mixing with water. An excessive amount of water, expecially if not even among the different bags, will irreversably compromise the final result (liquids should be considered in kg according to the specific weight of the powder part).

It is absolutely forbidden relying on a rough dosage.

Add approximately 70% of the water needed to the powder and mix with a drill helix. When it has become a homogeneous paste, add the rest of the water to avoid the formation of lumps. Let the misture rest for a few minutes, then mix again and throw on the substrate enlarging the mortar using a spatula.

When the substrate is ready, before applying the product remix and throw the mortar. Mama Qucha allows a high tolerance in thickness (from 4 to 15 mm). Avoid exposure subject to direct sunlight or wind, because too fast drying on surface could form micro crackings.

Cleaning

Application tools are to be cleaned with water before material dries.

Particular remarks

Self-leveling mortars should always be remixed before casting because the aggregates that are still in the bucket tend to separete sinking to the bottom.



Important notice

All cement-based products are subject to shade variations due to environmental conditions.

Warning: this product is meant for use by experienced profesionals only

Remarks

Instructions and recommendations provided by the present sheet are to be seen just as an indication and come from our daily experience. We recommend testing the product before application in order to make sure that it meets requirements and expectations. The producer cannot be liable for the way, place and time his products are used, except for the constant material's quality.

Complies with European Norm 13813 (CT C30 F7 A6)

Product identity

Colour: neutral - coloured upon request

Type: powder

Dry solid content %: 100 Bulk density kg/l: 1,6

Hazard classification according to EC 1999/45/CE: irritant

Important: read carefully the information in the present sheet, on the product packaging and in the specific material safety data sheet.

Storage: DO NOT STOCK. Use only fresh product. In case store in a dry ventilated place for no longer than three (3)

months.

Packaging: 25kg

Custom code: 3824 50 90.

Mixture composition and properties (at +23°C and 50% R.H.)

water for mixing: add 23%-24% of water in 25kg di Mama Qucha according to weather conditions

Pot life: approx. 20 minutes

Consumption: approx. 1,8/2 kg/ m² per mm of thickness (it depends on the surface's conditions)

Temperature of application: +5c +30c

Setting time: 45 minutes

Ready to light foot traffic: 24 hours

Ready for use: 5 days PH of mix: approx.12

Fluidity (cilinder 30x50mm)(EN 12706): 140 mm ca.

Final performances

Compression strength (after 28 days EN 13892-2 N/ mm²): approx.>30

Flexure strength (after 28 days EN 13892-2 N/ mm²): >7

Abrasion resistance (EN 13892-3)cm cube/50 cmq: N/sqmm): A6

Shrinkage (mm/m): 0,4 ca.

Adhesion on concrete (after 28 days EN 13892-8 N/ mm²): >2

Resistance to solvents: exellent
Resistance to oils: exellent
Resistance to alcali: exellent
Resistance to acids: poor.



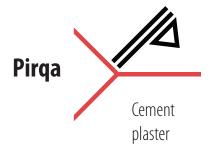
Safety data sheet

For your own safety

- The use is allowed only for professional
- Contain cement

- R/36/37/38: irritating to eyes, respiratory system and skin
- R41: risk of serious eyes damage
- R43: may cause sensitization by skin contact
- Use protection glasses
- Use protective mask
- S2: keep out of reach of children
- S22: do not breathe dust
- S24/25: avoid contact with skin and eyes
- S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36/37/39: wear suitable protective clothing, gloves and eye/face protection
- S46: if swallowed seek medical advice immediately and show those indications





Pirqa

Cement-based preparation & finishing product for walls, designed to make the surface smooth, silky and compact without effort. Suitable to internal and external use. Freeze resistant.

Technical specifications

Pirqa has a very high degree of thixotropy to prevent sagging. Especially suitable for application on vertical surfaces.

High adhesion

Pirqa binds chemically to the substrate making the surface stable and unalterable, able to withstand extremely high temperature excursions.

Low viscosity and high workability

Designed to feature low viscosity characteristics, Pirqa is an extremely easy-to-work-with product. It has a high spreadability, which greatly reduces the operator's fatigue.

Open-ended working time

Thanks to the extremely open workability time, Pirqa allows a simple, fast and secure installation.

Lack of shrinkage

In designing Pirqa, we reduced shrinkage to minimum, for the mortar to becomes an integral part of the support.

Microporosity

Its high, fine and diffuse microporosity contributes to its high thixotropic degree and gives it high resistance to thermal changes and a good overall lightening.

Compatible substrates

Ready cementitious substrates, precast and standard concrete, cellular concret, fibercement; on surfaces like tiles, aquapanel, gypsumboard it is required to apply a bonding bridge with epoxy primer and qartzes and to strenghten the surface with fiberglass net.

Substrate preparation

The substrate must be flat, clean and properly aged; there must be no trace of oil, grease, paints, glue residues or waxes. Cement substrates must be at least 7 days old in case of low thickness (less than 4 cm) or at least 28 days in case of thickier substrate (> 4 cm).

In the case of application over cementitious substrates with high absorption, or should the support have poor adhesion, or be easy to abrade or have an excessive tendency to generate dust, substrate must be consolidated in depth with Lichi Rumi professional resin, so to obtain a compact surface.

Mixture preparation

Pirqa should be prepared in a clean container, adding clean water to the powder by mixing with a hand held mixer with paddle. For a perfect mixing it is recommended to knead the mixture first with 70% of the total required water. When a smooth, lumps-free paste is obtained, we recommend adding the remaining 30% of water and finish the mixing. The fluidity and thixotropy of the mixture depend on the quantity of water. We recommend dosing water according to need, never exceeding 5% of the prescribed quantity. Let the mixture rest about 5 minutes and mix again before use.

Professional product

Use protective glasses and gloves. Contains cement. For more informations consult the safety data sheet.

Important notice

All cement-based products are subject to potential tone variations due to environmental conditions. In exteriors, the finish will age with time due to weather abuse, as all natural products do.

Warning: this product is for use by experienced professionals only.

Remarks

Instructions and recommendations provided by the present sheet are to be seen just as an indication and come from our daily experience. We recommend testing the product before application in order to make sure that it meets requirements and expectations. The producer cannot be liable for the way, place and time his products are used, except for the constant material's quality.

Complies with European norm: N.C.

Product data

Colour: coloured Type: powder

Dry solid content %: 100 Bulk density kg/l: 1,4

Hazard classification according to EC 1999/45/CE: irritant

Important: read carefully the information in the present sheet, on the product packaging and in the specific material safety data sheet.

Storage: DO NOT STOCK. Use only fresh product. In case store in a dry ventilated place for no longer than three (3) months.

Packaging: 25 kg

Custom code: 3824 50 90.

Mixture composition and properties (at + 23 degree and 50% R.H.)

Water for mixing: 26%

Consumption: it depends on the surface's conditions

Temperature of application: +5c +35c Suggested application temperature: 20°C

Open time: 30 minutes

Touchability: upto 60 minutes. PH of the mixture: approx. 12



Final performances

Coefficient of vapour permeability (µ) (EN 1745): 5/20 Water absorption by capillarity (EN 1015-18 N/mm²): W2

Thermal conductivity (λ) (EN 1745): 0,75

Flexure strength (after 28 days N/mm²): >2

Adhesion to concrete after 28dd (EN 1015-12) N/sqmm: ca. 1,5

Resistance to compression after 28dd (EN 1015-11) N/sqmm: > 6 ca.

Safety data sheet

For your own safety

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- R43: may cause sensitization by skin contact
- Use protection glasses
- Use protective mask
- S2: keep out of reach of children
- S22: do not breathe dust
- S24/25: avoid contact with skin and eyes
- S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36/37/39: wear suitable protective clothing, gloves and eye/face protection
- S46: if swallowed seek medical advice immediately and show those indications



Lichi Rumi

Item specification

Multi-purpose synthetic primer to improve adhesion, elasticity and water resistance in cement-based mortars.

Technical characteristics

Lichi Rumi can be used diluted with water with a ratio from 1:1 to 1:10 according to use. Generally it improves adhesion, elasticity, all mechanical resistances, temperature changes resistance, toughness. FOR INDOOR & OUTDOOR USE

Application

Lichi Rumi is easily applicable as a paint with a roller or a brush. TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C.

Warning: this product is intended for use by professionals only

Storage

Do not stock. Use fresh product only. If needed, store in a dry ventilated place only for no more than 3 months.

Remarks

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Professional product

Use protective goggles and gloves. It contains cement. For more information see the safety data sheet.

Safety data sheet

For your own safety

- For professional use only
- Contains cement

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Rumi Yaku

Item specification

Multi-purpose latex, ready-for-use, ideal to increase adhesion, abrasion resistance, elasticity.

Intended use

For dilution of Payun Liso.

TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C.

Technical specifications

Acrylic emulsion in pure acrylic dispersion in order to improve the final performance of Payun Liso. Increases wear resistance and impermeability. Moreover, it gives a good elasticity to mortar.

Warning: this product is intended for use by experienced professionals only.

Storage

Do not stock. use fresh product only. If needed, store in a dry ventilated place only for no more than 3 months.

Remarks

Instructions and recommendations provided by the present sheet are to be seen just as an indication and come from our daily experience. We recommend testing the product before application in order to make sure that it meets requirements and expectations. The producer cannot be liable for the way, place and time his products are used, except for the constant material's quality.

Professional product

Use protective goggles, mask and gloves.

Safety data sheet

For your own safety

- For professional use only
- It contains cement

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- R41: risk of serious eyes damage
- R43: may cause sensitization by skin contact
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- Use protective mask
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Lichi Hilli

Item specification

Multi-purpose binder, ready-for-use, ideal for increasing adhesion, abrasion resistance and elasticity.

Intended use

To dilute Payunia.

Technical specifications

Conceived for Paynia's formulation, it increases its performance, making it suitable to application in exteriors. Its high elasticity contributes to reduce significantly the appearance of micro crackings.

Warning: this product is intended for use by experienced professionals only.

Storage

Do not stock. use fresh product only. If needed, store in a dry ventilated place only for no more than 3 months.

Remarks

Instructions and recommendations provided by the present sheet are to be seen just as an indication and come from our daily experience. We recommend testing the product before application in order to make sure that it meets requirements and expectations. The producer cannot be liable for the way, place and time his products are used, except for the constant material's quality.

Professional product

Use protective goggles and gloves. It contains cement. For more information see the safety data sheet.

Safety data sheet

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- S46: if swallowed seek medical advice immediately and show those indications