

WHITE ITAUNAS

White Itaunas is a metamorphic rock with a whitish color and reddish spots.

PRODUCTION PROCESS

The White Itaunas block arrives at CS3 Revestimentos and the process begins with cutting the block into slabs of 2 or 3 centimeters thick using diamond wires. After this cut, the slabs undergo treatment to eliminate and/or prevent oxidation and then proceed to polishing or the finish requested by the customer. Next, the slabs receive a product layer to enhance surface shine and provide water-repellent properties to the stone. Finally, the slabs are classified, photographed, labeled, measured, and sent to stock awaiting shipment to customers.

RECOMMENDED APPLICATIONS



Outdoor areas



Tables



Indoor areas



Artwork



Countertops



Wall panels



Bathrooms



Flooring



Kitchens

FINISHES

According to customer request, White Itaunas can be offered in different finishes, such as:

- Polished
- Flamed
- Brushed
- Honed

TECHNICAL DATA

* Data obtained from the material supplier

COMPOSIÇÃO MINERALÓGICA *

Alkali Feldspar	30-35%
Quartz	25%
Plagioclase	20%
Garnet	5-10%
Muscovite	5%
Pinite	5%
Titanite	<5%
Opaques	<5%

PHYSICAL-MECHANICAL CHARACTERISTICS*

Apparent Density	2,60 g/cm ³	-
Apparent Porosity	1,14 %	Medium
Water Absorption	0,44 %	Medium
Linear Thermal Expansion Coefficient (mm/m°C)*10 ⁻³	4,5	Very low
Impact Resistance	0,48 m	Medium
Modulus of Rupture	8,3 MPa	Low
Modulus of Rupture	8,24 MPa	Medium

STAIN RESISTANCE

Stain resistance tests are conducted with contact times of 1, 8, and 24 hours between the tested surface and common staining agents.

In tests conducted by the CS3 R&D Laboratory, White Itaunas showed the following results:

Protection up to 24h of contact against stains from:

- Citric acid / Lemon
- Vinegar
- Detergent
- Chlorine
- Degrease
- Bleach
- Disinfectant

Protection up to 1h of contact against stains from:

- Cola soft drink
- Detergent + sponge
- Tomato sauce

USAGE GUIDELINES

Storage

- Protect slabs from the weather by storing them in dry, clean places in a vertical position.
- Avoid contact with products like paints, oils, pigments, wood, urine, cigarette smoke, glazing putty, and other agents that may cause stains.

Cutting

- Perform wet cutting to prevent the spread of fine dust.
- After cutting, thoroughly dry and clean the materials before applying the surface sealant.

- Use high-quality water- and oil-repellent products to properly seal all cut surfaces, including sink edges, trash holes, drains, faucets, backsplashes, and Italian-style recesses. Refer to our Technical Guide for recommended products.

Maintenance and Protection

- Also waterproof the back side of the slab in areas with possible rising damp.
- Reapply the water- and oil-repellent sealant periodically on both the surface and all cut edges, depending on usage frequency (e.g., semiannually, annually, or as needed).

Installation

- Use high-quality, flexible adhesives and grouts.
- Use metal support clips and good-quality polyurethane adhesives for fixing sinks and countertops.

Cleaning

- Use cleaning products suitable for granites and avoid abrasive materials such as hard bristle brushes or steel wool.
- Use neutral detergents and cloths dampened with water.
- Immediately clean any contact with staining agents such as cooking oil, wine, and sauces using neutral detergent, water, and a super soft sponge.
- For more aggressive stains, use specific stain removers recommended for granites.

Additional Care

- Avoid contact with abrasive agents or chemical products such as bleach, chlorine, acids, and especially scouring powders.
- Avoid contact with sharp or abrasive objects like knives or hard bristle brushes, as they scratch the surface, especially polished finishes.
- Do not expose granites to direct fire and use trivets to avoid contact with hot objects such as pans.
- Do not expose granite to hot oil.
- Avoid placing excessive weight on countertops or dropping very heavy objects to prevent breakage.

For more information, refer to our Granite Technical Guide or contact the CS3 technical team.