

AUDRINI LIVING CONCEPT

AudriniLiving.com

DECORATIVE WALL PANELS IN REAL WOOD.

Charred Wood Resin

Prepared for: [AudriniLiving.com](https://audrini.com) clientele only

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CHARRED WOOD RESIN

Aqueous phase resin for the protection of charred wood - Indoor / Outdoor

The "Charred Wood Resin" impregnates, fixes and protects the charred surface of wood obtained by charring the wood species in subject. This protective product makes the burnt wood or also known as Shou Sugi Ban, practical for use of any design element, without leaving traces of carbon on hands and clothing. It strengthens the carbon layer surface and protects it from bad weather such as rain, wind, sun and friction therefore preserving the charred aspect and its durability. For ease of use, the product is sprayable, making it easier when applied on charred wood facades already installed.

Consisting of aqueous phase, this product is respectful of our environment and healthy for the applicator.

Unlike many coatings (varnishes, stains or paints) and especially those based on epoxy used for the protection of charred wood, the resin we use has the advantage of being flexible and not to break easily later through its life cycle. Composed of an assembly of binders with complementary properties, the chemical nature of the main binder and the presence of anti-UV in its formulation ensures its flexibility over time.

The dimensional variations of the support surface on which this resin is applied therefore have no impact on its qualities of grip. Combined with its high impregnation power our resin retains all its qualities of adhesion which allows it to adapt to wood movements when in subject of high humidity variation.

Coating itself won't get progressively worse due to aging.

BENEFITS

- Ready to use,
- Sprayable at the factory
- Fast drying
- Carbon stain protection
- Good adhesion to the support,
- Transparent, retains the original appearance,
- Extends the aesthetic durability of the support
- Long lasting homogeneous aging
- Product in aqueous phase is safe of use by applicator

ENVIRONMENTAL CHARACTERISTICS

- Conceived from aqueous phase
- Not harmful to human health and the environment

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TECHNICAL CHARACTERISTICS

Presentation: fluid

Density: close to 1

Odor: odorless after drying

Dry extract: around 20%

Drying time at 23 ° C and 50% RH: about 2 hours for 1 layer . Ambient temperature, relative humidity and porosity of materials affect the drying time.

APPLICATION

- Ready to use. No dilution required. Shake well before application.
- The resin can be applied by spray or with brush.
- Spraying (in the factory or on site) applied with 2 to 3 generous layers. The quantity of product to be deposited is a function of the porosity for the support surface.
- When brushing apply 2 to 3 layers without pressing too hard on the brush to avoid damaging the charred surface. Wait 2 hours minimum between each layer, when applying resin without exceeding 24 hours. Let the air dry in the open space or in an oven.

CONDITION OF APPLICATION

Do not apply at temperatures below 12 ° C or above 35 ° C, Spread rate : 5 to 10m² / L per layer.

Composition: Resin in aqueous phase.

Equipment cleaning : water, immediately after use.

Tools: brush, sprayer.

Conservation - Storage: 1 year in the original sealed packaging, protected from frost and high temperatures.