



EXPLANATIONS ABOUT CHARRED WOOD

SPECIES

Our charred wood products are based mainly on two species: Siberian larch and northern spruce.

Siberian larch, naturally of use class 3.2, is very suitable for outdoor and indoor use. It is also a wood which withstands fire very well, much better than Douglas: Euroclass C-s2, d0 (Douglas: D-s2, d0).

Due to this fire resistance, this species is not recommended for a Crocodile finish.

Northern spruce, if used outdoors, will require specific treatment (autoclav class 3 or 4 for the French market) for bug and humidity protection.

This essence is very suitable for all types of charring: Light Burnt, Dark Burnt and Crocodile.

FINISH

We use a product that was created specifically for charred wood: the CWT (Charred Wood Treatment).

The CWT impregnates, fixes and protects the charred surface of the wood obtained by charring.

This protective product makes charred wood, or Shou Sugi Ban, easy to handle, without leaving traces of carbon on hands or clothes. It reinforces the surface carbon layer to protect it from bad weather (rain, wind, sun) and friction, thus making it possible to preserve the original charred aspect durably.

Formulated in aqueous phase, this product is environmentally friendly and harmless for the applicator.

Destination / Support

Exterior and Interior. Burnt wood.

Benefits :

- Carbon stain protection,
- Excellent adhesion to the support,
- Transparent, retains the original appearance,
- Extends the aesthetic durability of the support,
- Long-term uniform aging,
- Product in aqueous phase: comfort and safety of use, respect for the applicator and the environment.

Environmental characteristics:

- Formulated in aqueous phase,
- Not harmful to human health and the environment

Remarks

Unlike many coatings (varnishes, stains or paints) and especially those based on epoxy used for the protection of charred wood, the product we use has the advantage of being flexible and do not “brittle” in the time.

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 ensure that its flexibility is maintained over time.

The dimensional variations of the support on which this product is applied have no effect on its grip qualities.

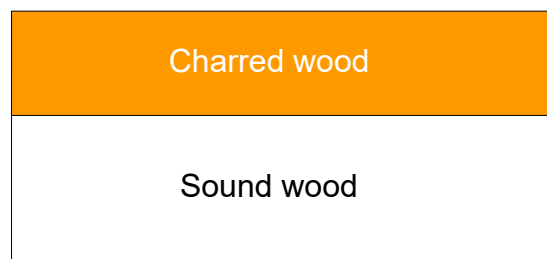
Combined with its high impregnation power, it retains all its qualities of adhesion which allows it to adapt to the movements of wood when it is subjected to strong variations in humidity.

Thus, there is no unsightly aging caused by the deterioration of the coating itself.

The finishing products used by our competitors are film-forming and do not permeate the charred area in depth. This results in rapid leaching of the charred area due to bad weather or detachment of the film due to moisture infiltration from the healthy part.



The CWT permeates the charred part deep down up to the sound wood. The homogeneity thus obtained associated with the adhesion capacities of the product guarantees a very good resistance to bad weather, infiltration and friction.



MAINTENANCE

Our burnt wood treated with CWT requires little maintenance. When the surface starts to deteriorate, which should not happen for several years, just apply a coat of CWT, possibly tinted black.