



elderly oak is our inspiration

Oak (Quercus L.) is a tree of fagaceae family. This name covers about 200 species located almost exclusively in temperate zone of the northern hemisphere. It is currently widely used in interior design; floors, furniture or stairs.

There is also an ultraluxurious version of oak, which availability is extremely limited – it is called black or bog oak. It is not a separated species but merely a term for description of oak that have been deposited under water or in the ground for hundreds or even thousands of years. Oak contains tannin which reacts with iron salts being present in water or soil; it results in oak changing taint for grayish-black or navy-black. Conditions of this process have vital impact on quality and colour of wood. Quite a significant disadvantage is the wood being prone to cracking during the drying process, despite this fact black oak wood is still highly demanded decorative material. Extremely limited supply, however, contributes to the high price of this wood.

**we've created an
alternative**



**You are welcome
to contact and cooperation!**



POL-KRES EDWOOD

**Lomaska 86
Biała Podlaska
21-500
Poland**

phone.: +48 (83) 342 36 06

phone.: +48 (83) 342 40 11

fax: +48 (83) 342 46 66

[www edwood.pl](http://www.edwood.pl)

[f EdWOOD](https://www.facebook.com/EdWOOD)

[in company/pol-kres-edwood](https://www.linkedin.com/company/pol-kres-edwood)



ECOBLACK

no ammonia
stained wood

edWood
www.edwood.pl



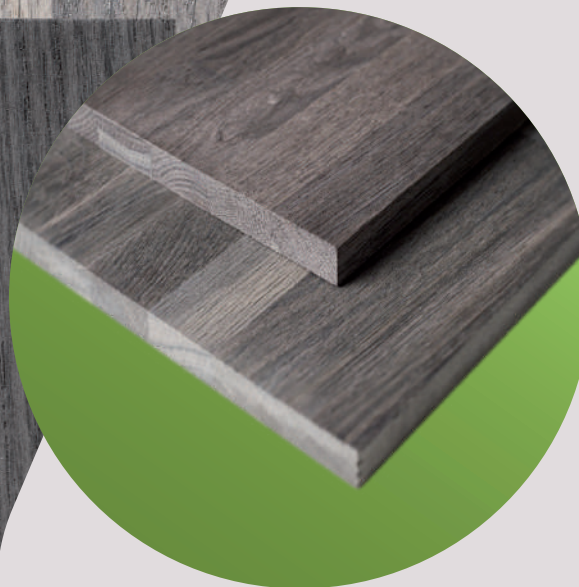
newcomer on the market

Since 1999 we process oak wood approaching it with utmost respect and using every bit of material we possess. We are well aware of the amount of time needed for the seedling to develop into precious, final crop oak tree. For a couple of recent years we conduct researches in our own laboratory aiming at modification of oak wood. We strive for colour being as close as possible to natural black oak colour without applying dangerous chemistry (i.e. ammonia which is used in modification called "smoking").

After hundreds of lab experiments with various minerals used we finally achieved our goal and got the wood of the dark-gray taint which we named ECO BLACK OAK. Thereafter we put it to numerous tests including resistance to squeezing and bending or hardness which confirmed that we did not change high quality of oak wood in any way, we changed nothing but the colour. Therefore we are able to offer absolutely new wood colour that is probably non-existent in natural environment. What is more we are not limited of wood supply as native oak is our input material which allows us to maintain competitive price of our new product.



**We do not
compete nature,
we learn from it!**



bog oak and eco black oak comparison:

feature	bog oak	eco black oak
price	very high	acceptable on the market
availability	low availability	unlimited amounts
mechanical processing	risk of chipping off	100% as regular oak
thermal processing	risk of cracking	low cracking risk
colour: intensivity of black/gray	very deep brown - close to black	intense gray - close to black after finishing



ECOBLACK

no ammonia
stained wood