



2021

Does Charred Timber Weather?

Our ThermoChar® range is incredibly resistant to rot, decay, fungal growth, fire and weathering. This is since the charring process creates a layer of carbon on the boards which repels insects and dramatically improves the overall resistance of the timber. This age-old process was first introduced by the Japanese in the 18th century, to preserve the timber. This proves just how durable our ThermoChar® timber is since this ancient process has been revisited and perfected over the years.

In some cases, charred timber can last over 50 years. This is down to the species and the charred finish applied to the material. Your ThermoChar® boards can be sealed, which maintains the timbers natural look. In general, most timber will need maintenance at some point during its' lifetime, through the application of oils and lacquers.

Our ThermoChar® Light material will eventually mellow down and the grain will become more prominent before eventually weathering to an attractive silver/grey hue. Just like our natural timbers, since the charring applied is very light and highlights the grain structure. You can of course retain this look by simply re-oiling when you feel it's appropriate.

Our ThermoChar® Medium composition is a black char, but not a heavy black composition, like our ThermoChar® Heavy. This timber will weather to a lighter black, but will not reach a grey colour. Ultimately, the black charring will start fading slightly over time and is very much dependant on the level of UV exposure alongside the UK weather. A southern elevation will receive more weathering than a northern elevation. It is not possible to re-char your surface but you can sharpen it up using our QFlex flexible UV sealer.

Our ThermoChar® Heavy materials will not weather, due to the deep layer of carbon on the board. It is important to note that our ThermoChar® Heavy Knotty Pine boards offer a slight exception. Although the material is heavily charred, the knots in the board will re-appear and lose their char. However, the rest of the board will stay black like our heavily charred boards should.