



DARKSIDEWOOD PRODUCT SPECIFICATION

DARKSIDEWOOD produces *Shou Sugi Ban* wood for interior and exterior cladding and decking. Though *Shou Sugi Ban* is a traditional Japanese technique of preserving wood with fire, we managed to industrialize it and to offer a wide range of exclusive products to customers in many regions across Europe. All of the DARKSIDEWOOD charred wood products are made in Lithuania, in our factory near the capital city of Vilnius. In our production, we use high-quality northern wood species, such as spruce, pine, or larch. We specialize in charring of long-lasting modified pine from Kebony and Accoya, which are specifically designed for exterior applications.

APPLICATIONS: All of our products are suitable for both INTERIOR and EXTERIOR applications. However, we do use different finish techniques for the INTERIOR and EXTERIOR. So we need to know your intentions before placing an order. All products, except the **DARKSIDEWOOD Carbon**, are suitable for walls, ceilings, and flooring. **DARKSIDEWOOD Carbon** is not suitable to be used as a flooring material but works well for wall or ceiling cladding.

STANDARD DIMENSIONS & MILLING OF SPRUCE, PINE, OR LARCH FOR CLADDING:

- Width: 95mm, 120 mm, 145 mm, 195 mm
- Thickness: 16 mm - 20 mm
- Length: 2 - 6 meters
- Profiles: Tongue & Groove or S4S for INTERIOR; Shiplap, Shiplap or S4S for EXTERIOR applications

STANDARD DIMENSIONS & MILLING OF SPRUCE, PINE, OR LARCH FOR FLOORING/TERRACES:

- Width: 95mm, 120 mm, 145 mm
- Thickness: 28 mm
- Length: 2 - 6 meters
- Profiles: S4S or Shiplap for INTERIOR, S4S for EXTERIOR applications

DIMENSIONAL VARIATIONS: Although our products are machined to standard dimensions, the milling, burning, brushing, and overall finishing process could affect material thicknesses and widths. Product photos and samples provided by the DARKSIDEWOOD are meant to be a general guide to product dimensions only. The thickness and width may vary between individual boards on a project and may not be an exact match to samples/photos. The actual thickness and width of finished products may be reduced up to 2-3 mm due to burning and brushing processes.

MOISTURE CONTENT: In our production, we use properly dried raw wood, containing not more than 16~18% of moisture.

PRODUCTION PROCESSES:

DARKSIDEWOOD Carbon – charred and oiled.

DARKSIDEWOOD Black, Anthracite, Walnut, Teak, Grey, Natural – charred, brushed once and oiled.

DARKSIDEWOOD Vintage – charred, brushed and painted.

SEALING: All products are sealed with UV resistant finish on a board face and edges only. Sealing on the back surface is optional and costs €2/m².

CHARRED PRODUCT VARIATIONS: The wood is burnt, brushed, and sealed under controlled conditions. However, due to nature and grain, the pattern of wood, and our handcrafted process, there will be a natural variation to the color and pattern of these materials. Each plank takes the burning process differently depending on the grain pattern and character of the wood.

JOINERY: Before installation, individual boards will need to be checked for the integrity of the joinery. The variation in the level of burning may affect the tongue and groove and may require additional attention during installation. This is not a defect, but a natural part of the charring process.

CHECKS/SPLITS: The charring process may cause the face and/or ends of some boards to check/split. This is not a defect, but a natural part of the charring process. These checks/splits can be cut off and the rest of the board can be used.

RESILIENCY AND MECHANICAL IMPACT RESISTANCE: When evaluating resiliency with CHARRED materials it is a trade-off: the more intense is the char, the more weather/rot resistant is the burnt wood. From a weathering perspective, brushed designs and especially **DARKSIDEWOOD Natural** will be less weather-resistant than **DARKSIDEWOOD Carbon** due to charcoal surface. However, charcoal is soft, especially on softwood. It means that **DARKSIDEWOOD Carbon** is less resistant to mechanical impact comparing with other products and is not suitable for flooring.

MAINTENANCE:

DARKSIDEWOOD Carbon is the most weather resistant product and will last a very long time literally without any maintenance. However, the charcoal layer of the product is soft and prone to wear and tear. It will flake and wear off over time, changing the aesthetic and revealing non-burnt wood.

DARKSIDEWOOD Black, Anthracite, Walnut, Teak, Grey and especially **DARKSIDEWOOD Natural** will be weathering gradually and will require a regular reapplication of the oil layer.

WARRANTY: DARKSIDEWOOD promises to deliver a quality product made according to the current specification. Different wood grain patterns or shades are part of the natural characteristics in wood material and are not considered defects.

Due to the natural origin of our products they will be weathering over time and changing their appearance without proper maintenance or due to inappropriate usage, storage, or cleaning methods.

Since it is outside of our human power to control natural processes, we cannot guarantee the appearance of the DARKSIDEWOOD products over time.