



Product description and Datasheet

Our SertiWOOD® Charred larch products are made from slow grown Austrian larch selected from heartwood using a unique vertical charring process, similar to the original Japanese method. Our Larch is PEFC Certified supplied from sustainable sources. This process allows for deeper charring, resulting in more texture. Our process is also more intensive, which gives our products better weather resistance. Most manufacturers use gas burners for charring; the disadvantage of this technology is high gas consumption compared to our technology, especially when charring dense larch.






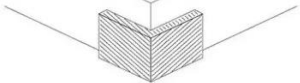




Timber Focus

Love wood

Technical data (average values)

CHARACTERISTICS	PERFORMANCE
Profiles	<ul style="list-style-type: none">TF49 - Planed Square Edge This profile can be used as an open or closed board, board on board, Board on Board lapped, Yorkshire Boarding configuration, it can be used as trims for corners reveals   TF49 Nominal Size - 25x150mm Face Cover - 140mm Finishes - Deep Heavy Char, Ebony (Brushed and Oiled) Possible Treatments - Fire Treated to Euro Class B (To Order) Suggested Fixings - Black A4 Charred Timber Stainless Steel Screws 50mmTF41 - Tongue and Groove Shadow Gap Our cladding can be installed in various orientations: Vertical, Diagonally and Horizontally.   TF41 Nominal Size - 25x150mm Face Cover - 120mm Finishes - Deep Heavy Char, Ebony (Brushed and Oiled) Possible Treatments - Fire Treated to Euro Class B (To Order) Suggested Fixings - Black A4 Charred Timber Stainless Steel Screws 50mmTF12 - External L Corner Angle finishing piece   TF12 Nominal Size - 50x50mm Finishes - Planed, Brushed, Painted Possible Treatments - Fire Treatment, Oiled Suggested Fixings - A2 Stainless Steel Screws/Nails 50mm
Standard lengths	4m to order we can supply 2.5, 3.0mtr and 5.0mtr
Grade	AB
Fire retardant class	D-s2, d0*
Moisture	18%
Density (18 % mc)	575 kg/m ³



Finish	<ul style="list-style-type: none">• Deep charred a very heavy charred finish, covered with a protective sealer (300g/m²)• Brushed and oiled finishes• Ebony Black• Misty Grey• Brown• Light Grey/Antique White
Samples	<ul style="list-style-type: none">• SertiWOOD® Charred Wood Samples are available order

** If a higher fire class is required for the cladding boards, we use HOLZ PROF® fire retardant. HOLZ PROF® has been certified according to the EU classification standard EN 13501-1 (EN ISO 11925-2 and EN 13823). When treated with HOLZ PROF®, the wood holds a fire class of B-s1, d0.*

Installation

Installation must be undertaken by professionals and must be done carefully to avoid char layer damages. For installation we recommend stainless steel charred wood screws with black tips for face fixing. When cutting, wood worker must wear a dust mask.

Durability

Larch is classified as moderately durable, meaning it can last for at least 25 years when used for cladding. Proper installation and maintenance could extend its service life to over twice that period. Charring extends the service life even further.

Maintenance

Charred Wood + Coated with a Protective Sealer

- **Normal Wear and Tear:** Some bits of the charred wood surface may gradually come off over time. However, this process occurs slowly, and the visual appearance of the cladding can be maintained. You can choose to leave it as is or consider recoating the surface with a protective sealer.
- **Recoating:** If you prefer to maintain the appearance of the charred surface, you can choose to recoat it with a protective sealer. This can be done using a brush or spray. The maintenance interval for recoating depends on various factors and should be assessed on a case-by-case basis.
- **Natural Ageing:** Alternatively, the cladding can be left unmaintained, allowing the wood to age naturally over time. This option will result in a distinctive appearance that reflects the wood's natural ageing process.

Charred Wood + Brushed and Oiled

- **Natural Changes:** Our brushed and oiled cladding products may experience natural changes over time, similar to other cladding materials. The brushed finish is oiled, which prevents the oil from peeling off like paint on standard cladding. However, prolonged exposure to different weather conditions and sunlight can gradually fade the colour.
- **Reoiling:** You can reoil the cladding periodically to maintain its appearance and keep it looking fresh. The frequency of reoiling can be assessed on a case-by-case basis, considering weather conditions and other factors. It is usually sufficient to recoat the cladding every 5-10 years.
- **Natural Ageing:** Alternatively, you can leave the cladding unmaintained, allowing the wood to age naturally over time. This option will create a unique and weathered look.



Ebony



Charred Brown



Deep Charred



Misty Grey