

SURFACE TREATMENT OF THERMALLY MODIFIED WOOD





Surface Treatment of Thermally Modified Wood

Thermally modified wood is suitable for window-joinery, doors, garden furniture and terraces. A thermally modified wood surface should always be given a high quality protective coating to preserve its beautiful colour and prevent surface cracking caused by weathering. In interiors, the dimensional stability of thermally modified wood makes it excellent for ceilings, fittings and furniture; treated surfaces are easier to keep clean.

Tikkurila has developed wood finishes together with the producers of thermally modified wood to achieve best performance. The warm colour of thermally modified wood is retained when the surface is treated with a wood finish/oil tinted to match the original colour. For this purpose Tikkurila has developed a specific colour (TVT 318R). We recommend making a test application.

Maintenance of Thermally Modified Wood Surfaces

Use Tikkurila Tehopesu (Super Clean) Cleaning Solution to help restore the brown colour to surfaces, which have turned grey and then apply the same products as those used for ordinary wood.

The instructions in this brochure apply to new thermally modified wood surfaces. We recommend that maintenance treatment is carried out with the same type of products as were previously used for surface treatment. Exterior surfaces treated with wood oils may require annual maintenance treatment. However, maintenance should be done when necessary.



Decking and Garden Furniture

Semi-transparent Finish *)

- Apply 1 to 2 coats of Valtti Furniture and Decking Oil Brown, or tinted Valtti Wood Oil or Valtti Wood Oil Akva (colour TVT 318R or a colour from the Semi-Transparent Wood Finishes colour card). Remember to wipe off any excess oil.
- To increase surface grip, treat terrace with 2 coats of tinted Valtti Non-Slip wood oil.
OR
- Apply 1 coat of Valtti Base and 1 coat of Valtti Exterior Wax Walnut or Honey on decking, and 2 coats on furniture.

Cladding, Panels, Fences and Other Wooden Surfaces

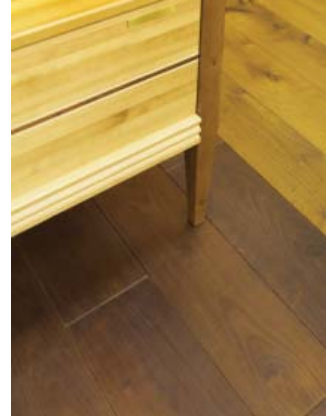
Transparent Finish *)

- Prime with Valtti Base
- Apply 2 coats of tinted Valtti Color, Valtti Akvacolor or Valtti Color Extra (colour TVT 318R or a colour from the Semi-Transparent Wood Finishes Colour Card)
OR
- Prime with Valtti Base
- Apply 2 coats of Valtti Exterior Wax Walnut or Honey

Opaque Finish

- Apply Valtti Base/Valtti Akvabase.
- Apply 2 coats of Valtti Opaque (Vinha), Ultra or Teho.

*) *Test a small area in a hidden spot before application, as the colour of the wood will affect the final colour.*



Interior Floors

Lacquer *)

- Prime with Unica Super Lacquer (diluted max. 20%), colour TVT 318R or a colour from the Interior Lacquer Colour Card
- Apply 2-3 top coats of Unica Super Lacquer (diluted 0 – 20%)
OR
- Prime twice with unthinned Parquet-Ace Stain (colour TVT 318R or a colour from the Interior Lacquer Colour Card)
- Apply 2 –3 coats of unthinned Parquet-Ace Finishing Lacquer

Oil treatment **)

- Apply Faxe Wood Cleaner according to instructions.
- Rub Faxe Floor Oil into the surface by hand or machine.
- Wipe off any excess oil with a lint-free cloth.
- Finish off by polishing the surface immediately by hand or machine.
- Allow the surface to dry for 1 to 2 weeks before cleaning and heavy use. Use Faxe Oil Care for cleaning and maintenance.

*) *Test a small area in a hidden spot before application. The more coats of tinted lacquer that are applied, the darker the surface will be.*

**) *Test a small area in a hidden spot before application, as oil treatment may considerably darken the wood's original colour.*

A photograph showing a close-up of a ceiling with vertical wood slat paneling. Two recessed circular lights are visible. A curved window or door frame is partially visible on the left side of the frame.

Interior Panelling

Lacquer

- Prime with Unica Super (diluted max. 20%) colour TVT 318R or a colour from the Interior Lacquer Colour Card
- Apply 2–3 topcoats of Unica Super (diluted 0-20 %)
OR
- Prime with Panel-Ace, colour TVT 318R or a colour from the Interior Lacquer Colour Card
- Apply 1-2 coats of unthinned Panel-Ace



Sauna

Tikkurila has developed the Supi range of products especially for saunas.

- **Supi Saunapesu**; water-borne cleaning agent for sauna and bathroom facilities.
- **Supi Saunasuoja** (Sauna Finish); ideal for walls and ceilings of saunas and other humid rooms. May be tinted according to Transparent Wood Finishes Colour Card.
- **Supi Laudesuoja** (Sauna Bench Protection); colourless protective oil for sauna benches. Test a small area in a hidden spot before application, as oil treatment may considerably darken the wood's original colour.



1a. Uncoated thermally modified wood surface.
 1b. Uncoated thermally modified wood surface after 6 months outside.



2a. Thermally modified wood surface with tinted wood oil.
 2b. Thermally modified wood surface with tinted wood oil after 6 months outside.

Summary

Thermally modified exterior wood surfaces		
	PRIMING	FINISHING
Decking and Garden Furniture	–	Valtti Furniture and Decking Oil Brown or Valtti Wood Oil or Valtti Wood Oil Akva
	Valtti Base	Valtti Exterior Wax
Decking	–	Valtti Non-Slip
Cladding, Panels, Fences and other wooden surfaces <ul style="list-style-type: none"> • Semi-transparent finish 	Valtti Base	Valtti Color or Valtti Color Extra or Valtti Exterior Wax or Valtti Akvacolor
	• Opaque finish	Valtti Base or Valtti Akvabase
Thermally modified interior wood surfaces		
Floors	Unica Super or Parquet-Ace or Faxe Floor Oil	
Panels	Unica Super or Panel-Ace	
Sauna: wall and ceiling panelling	Supi Sauna Finish	
Sauna: benches	Supi Sauna Bench Protection	

Remember that tinted products provide more UV protection than non-tinted ones. Always read the detailed instructions on the product label or in the data sheet before use.



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