

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 or 5101/ Lapponia colour card). 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 Valtti or Lapponia colour cards). All the applied oil should be absorbed into wood
- To increase surface grip, decking can alternatively be treated with 2 coats of tinted Valtti Non-Slip wood oil
OR
- Garden furniture can be treated also with Valtti Base and 2 coats of Valtti Exterior Wax (colours Walnut or Honey)

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 Valtti or Lapponia colour cards)
OR
- Prime with Valtti Base
- Apply 2 coats of Valtti Exterior Wax (colours 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 (thinned max. 20%), colour TVT 318R or a colour from Interior Lacquer or Lapponia colour cards
- Apply 2–3 top coats of Unica Super Lacquer (thinned 0–20%)
OR
- Prime twice with unthinned Parquet-Ace Stain (colour TVT 318R or a colour from Interior Lacquer or Lapponia colour cards)
- Apply 2–3 coats of unthinned Parquet-Ace Finishing Lacquer

*) *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.*

Interior Panelling

Lacquer

- Prime with Panel-Ace, colour TVT 318R or a colour from Interior Lacquer or Lapponia colour cards
- 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 Interior Lacquer or Lapponia colour cards..
- **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
Garden furniture	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 Opaque finish 	Valtti Base	Valtti Color or Valtti Color Extra or Valtti Exterior Wax or Valtti Akvacolor
	Valtti Base or Valtti Akvabase	Valtti Opaque (Vinha) or Ultra or Teho
Thermally modified interior wood surfaces		
Floors	Unica Super or Parquet-Ace	
Panels	Panel-Ace	
Sauna: wall and ceiling panelling	Supi Sauna Finish	
Sauna: benches	Supi Sauna Bench Protection	

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



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