



LOG CABINS

LOG HOUSES

INITIAL TREATMENT

MAINTENANCE TREATMENT



TIKKURILA HELPS YOU TO SUCCEED

Wood is a living material suitable for the Finnish landscape, and for this reason, it is being increasingly used in building not only leisure homes but also one-family houses. A log house that has been treated well and correctly ages beautifully and maintains its dignity for a long time.

This guide provides the owner of a log house with the knowledge and expertise that Tikkurila Paints Oy and manufacturers of log houses have on treating timber surfaces.

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EXTERIOR WOOD SURFACES REQUIRE PROTECTION

You should both prime and finish log surfaces as early as possible during construction because:

- Sunlight breaks down the surface layer of wood causing it to turn grey and fluffy. Dirt also adheres easily to a fluffy surfaces.
- Moisture makes wood swell and when it dries again, it shrinks significantly. Moisture variations lead to cracking of wood.
- Moisture also stimulates microbial growth. Blue-stained wood is usually blueish, and the colour may reach deep into the wood. Mould fungus can be discerned as dark spots, and it only grows on the surface of wood. Blue-stain and mould fungi do not reduce the strength of wood. However, rot fungus breaks down wood making it unusable with time.
- For some geographical areas wood attacking insects such as wood worms and termites should be taken into account.

Finishing agents penetrate into the wood and protects wood, diminishing the impacts of sunlight, moisture and fungi. Finishing agents also protect from the sunlight and give wooden buildings a colour that fits the surroundings as well as possible. On the coast and in open spaces environmental stresses are exceptionally high. The stress on south walls is up to five times as high as that on north walls.

APPEARANCE AND DURABILITY FOR INTERIOR SURFACES

Translucency is a strong trend in furnishing, fabrics and consumer goods. In addition to durability, translucent finishing provides also an opportunity to give a new, modern appearance to the furnishing. The final colour is influenced by the colour of the substrate, the product being used and the number of coats. For this reason, we recommend that you always make a test - on a separate panel or in a spot that cannot be seen.



SELECT COLOUR

ACCORDING TO THE LANDSCAPE

Choosing an exterior colour may feel difficult, as it is difficult to perceive large entities from the small colour models of colour cards. The chosen wall colour may look very different to what was planned. When choosing the colour, you should always consider the following: Colours always look lighter and brighter on a large surface surrounded by the strong colours of the nature than on the small colour model of a colour card. From the colour card, select a more broken colour containing more black than you had intended - this usually brings you closer to the desired result.

Colours look different from near and far. Dark surfaces - regardless of the shade - blend into the scenery better when looked at from a distance, whereas light ones can be clearly seen. Buildings in open and light places, for example on hillsides, can have a lighter shade, but on at the edge of a dark forest, a darker shade usually looks better.

Note that the time of the day, weather and the environment changing according to the seasons influence how colours are seen. A forest glowing with autumn tints, snow in the winter, the green of the spring and the abundant shades of the summer all create a different frame for the shade of your choice.

Check first that the colour is correct by coating a separate piece of wood as a test. The final shade of the finished surface depends on the kind of wood used, the porosity of the wood, its original shade and the number of coats applied.

COLOUR YOUR OWN PICTURES WITH THE TIKKURILA COLOUR PLANNER PROGRAM

Home painters and professional painters have for ages wanted a colour design program that would permit the customer to try various colour combinations for his/her own indoor or outdoor painting applications. Now this service is available for everybody.

Tikkurila has introduced a web colouring program, with which you can colour digital pictures you have taken of your own house, cottage or flat. Trying different colour combinations is now very easy! Please visit www.tikkurila.com for more information.



In the Tikkurila sales rack, you can find model chips according to the Semi-Transparent Wood Finishes Colour Card.



Colours look different at different times of the year when the surrounding colours and lighting change.



PRODUCTS FOR THE EXTERIOR OF NEW LOG HOUSES

LOG WALLS

For priming, use **Valtti-Base or Valtti Akvabase**

For translucent wood finish, use **Valtti Color or Valtti Akvacolor**

For opaque wood finish, use **Valtti Opaque**

COVERING AND FASCIA BOARDS, CASEMENTS AND DOORS

For priming, use **Valtti-Base or Valtti Akvabase**

For translucent wood finish, use **Valtti Color or Valtti Akvacolor**

For opaque wood finish, use **Valtti Opaque**

For window frames, use **Valtti Opaque**

WOODEN FLOORS, STAIRS AND BALUSTRADES OF EXTERIOR TERRACES

For wood-oil treatment, use **Valtti Puuöljy, (Wood oil) or Valtti Puuöljy (Wood oil) Akva**

SOCLE

For painting a concrete socle, use **Yki Sokkelimaali (Paint for socles)**; and for coating, use **Yki Rouhepinnoite (Rough coating)**.

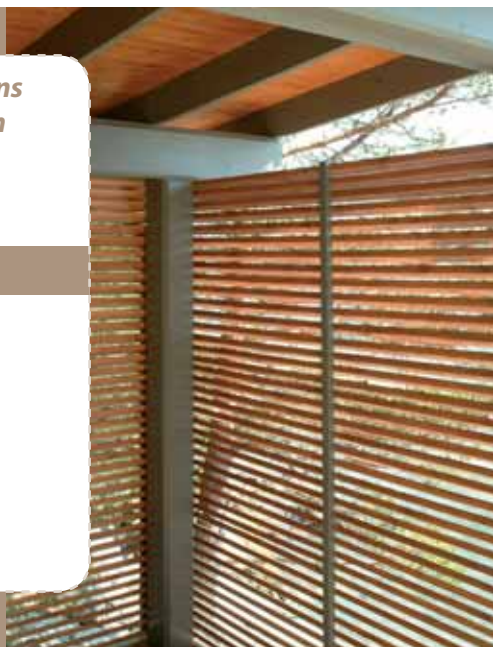
For finishing block and concrete socles, use **Finnseco Polytop** finishing mortar

For painting finished block and concrete socles, use **Yki Sokkelimaali (Paint for socles)**; and for coating, use **Yki Rouhepinnoite (Rough coating)**.

Get detailed work instructions from your shop or print them from www.tikkurila.com

Instructions and helpful hints on painting

Roofs and metal surfaces
Board and log walls
Masonry facades
Windows and doors
Floors
Garden furniture
and many more



HEAT-TREATED WOOD

should always be finished, as it helps the heat-treated wood to maintain its beautiful colour and prevents surface cracking of the wood caused by weathering. The colour of heat-treated wood for translucent products is TVT 882R. All the Tikkurila exterior products are suitable for heat-treated wood according their application range area instructions.

IMPREGNATED TIMBER SURFACES

for outdoor use are allowed to dry for at least 6 months before surface treatment. For surface treatment, we recommend tinted Valtti Puuöljy (Wood oil), Valtti Puuöljy (Wood oil) Akva or Valtti Kalusteöljy (Furniture oil) Brown.

On the adjacent page, the wall colour of the log house is 5062, covering boards 5083, window frames white + 2670

RECOMMENDATIONS FOR THE EXTERIOR SURFACES OF LOG HOUSES



PAINTING OF NEW LOG SURFACES

PRE-TREATMENT:

Remove any dirt and dust from the surfaces.

Remove resin from any knots with a steel scraper.

Wash dirty and mildewed surfaces with *Homeenpoisto (Mould removal)* or *Tehopesu (Power cleaner)*. Rinse carefully and allow to dry.

SURFACE TREATMENT WITH A TRANSLUCENT PRODUCT:

Prime once with *Valtti-Base*.

Finish with 1 - 2 coats of *Valtti Color* or *Valtti Akvcolor*.

SURFACE TREATMENT WITH AN OPAQUE WOOD FINISH:

Prime once with *Valtti-Base*.

Isolate any knots with *Oksalakka (Knot lacquer)*.

Finish with 1 - 2 coats of *Valtti Opaque*.

FINISHING A LAMINATED LOG HOUSE

You can use the same products for treating laminated log walls as for treating board surfaces. Study the How to Paint guides from our webpages (How to Paint: board and log walls) and the Tikkurila Wooden House guide.

SURFACE TREATMENT OF A ROUND/PLANED LOG HOUSE

Translucent wood finishes, solvent-borne *Valtti Color* or water-borne *Valtti Akva-color* are suitable for treating massive log walls. From our opaque products, we recommend *Valtti Opaque*.*)



MAINTENANCE PAINTING OF LOG SURFACES

PRE-TREATMENT:

Remove any dirt and dust from the surfaces.

Remove resin from any knots with a steel scraper.

Wash dirty and mildewed surfaces with *Homeenpoisto (Mould removal)* or *Tehopesu (Power cleaner)*, rinse carefully and allow to dry.

Remove or sand hard and shiny finishes from the surface to make it matt. Remove sanding dust.

Remove bad or grey wood.

LOG SURFACES PREVIOUSLY TREATED WITH A TRANSLUCENT WOOD FINISH:

Prime bare wooden surfaces once with *Valtti-Base*
Isolate any bare wood knots with *Oksalakka (Knot lacquer)* when painting with *Valtti Opaque*.

Finish with 1-2 coats of *Valtti Color*, *Valtti Akvacolor* or *Valtti Opaque*.

LOG SURFACES PREVIOUSLY TREATED WITH A WATER-BORNE WOOD FINISH:

Remove old flaking coats with a scraper and remove sanding dust.

Remove bad or grey wood.

Prime revealed bare wooden surfaces once with *Valtti-Base*.

Isolate any bare wood knots with *Oksalakka (Knot lacquer)*.

Treat parts primed with *Valtti Base* with *Valtti Opaque*.

Finish the entire surface once with *Valtti Opaque*.*)

*) Note! Do not increase the number of coats too much. Every now and then, the old paint coats should be removed.

HOW TO ACHIEVE DURABLE RESULTS OUTDOORS

TREATMENT TIME AND CONDITIONS

Treat exterior walls with Valtti-Base priming oil as early as possible during the construction stage. Valtti-Base protects against moisture and microbial growth.

If you do not have the time to finish the wooden surface during the same summer, use tinted Valtti-Base or Valtti Akvabase. A tinted priming oil protects wood better and longer from the disintegrating effect of the sun and maintains a good condition of the wooden surface for further treatment.

Before final surface treatment, make sure that the wooden surfaces are dry. The moisture content of the wood must be below 20 %. When using undried timber, we recommend final treatment in the spring for buildings erected in the autumn and within a couple of months for buildings erected in the summer.

The surface to be painted, the paint and the air temperature must be at least +5°C and relative humidity below 80% during painting and drying. Do not treat a wooden surface rain or dew is evident. After the rain, continue the treatment only after the wooden surface has dried. The best weather for surface treatment is calm, warm, dry but cloudy.

Protect plants from cleaning agent and surface treatment splashes with transparent plastic so that they receive light also during the treatment.

CLEANING OF WOOD SURFACES

Clean the wood surface to be treated from dust and loose material.

A dirty surface, treated with wood finish or paint, that is in good condition can be washed with Tikkurilan Huoltipesu (Maintenance cleaner) detergent. Huoltipesu does not require re-treatment.

Wash mildewed and blue-stained surfaces with Homeenpoisto (Mould Removal) brushing vigorously from the bottom up. Let it act and rinse from top to bottom. However, a blue-stain penetrating deep into the wood cannot be fully removed by washing. In such a case, we recommend choosing for the surface a dark or blue-grey translucent wood finish, for hiding the blue-stain. After a surface has been treated with Homeenpoisto (Mould Removal), it must always be finished again. A multi-coloured surface, previously treated with a tinted wood preservative and washed with Homeenpoistoaine (Mould Removal cleaning agent) cannot be made a uniform colour with translucent wood finishes; instead, you should treat the surface with the opaque wood finish Valtti Opaque.

We recommend that before finishing, you wash horizontal surfaces with Tehopesu (Power Cleaner) according to the instructions. Tehopesu (Power Cleaner) lightens darkened surfaces and removes ingrained dirt. In this way, you can bring back the brown colour of greyed heat-treated wood, for example.

Terraces made of heat-treated wood should be treated immediately after installation with Valtti Puuöljy (Wood oil) tinted to the colour of heat-treated wood (TVT 882R). It will make the beautiful brown colour last longer.



APPLICATION TIPS

When using translucent wood finishes must overlap not be allowed to dry, as they can easily become darker than the rest of the surface. In order to avoid this, boards or log must be brushed from end to end without a break.

Brushing is the best application method. Apply 1-2 thin coats.

For treating terraces, we recommend products that do not form a film, for example Valtti Puuöljy (Wood oil) or Valtti Color. Apply thin coats, as all the product used should be absorbed into the wood. Wipe off any excess. This helps to prevent flaking and slipperiness of the surface.

TERRACES AND BALUSTRADES

Unprotected, horizontal surfaces outdoors, e.g. floors of outdoor terraces, wooden steps and balustrades, are problematic. On level surfaces, puddles tend to form in the rain and in the spring as the snow accumulated onto the surface melts. Water is absorbed into the wood through the cracks in logs and boards, which makes the wood swell very much. In these places, coatings wear and flake off more quickly.

Long eaves and adequate roofs are the best protection for all terraces.

For log balustrades, we primarily recommend the combination of Valtti-Base + 1 - 2 coats of Valtti Color. For board balustrades, you can also use the combination Valtti-Base + 2 coats of Valtti Opaque.

CAREFULLY PROTECT END GRAIN

Water is absorbed very easily through the end grain of wood into both the wood and the structure. To prevent this, treat the end grain and joints carefully several times with both a priming oil and a wood finish.

MAINTENANCE INTERVAL

The need for maintenance painting depends considerably on the ambient conditions and structural solutions. The time of maintenance painting is influenced by the location in the terrain, geographical location and point of the compass. South and west walls may require maintenance treatment more often than other walls. Surfaces treated with translucent wood finishes may require maintenance treatment after 3 - 5 years. The maintenance painting interval of opaque products like Valtti Opaque is longer. You can improve the quality of painting and the durability of wood finishes by washing off mildew and removing dead wood fibre from the log surface before finishing.



GIVE LIFE TO WOOD SURFACES WITH COLOURS

The expressiveness of wood and its own colours have long dominated the Finnish furnishing, but there is also a growing trend to make the surfaces translucent. Translucent can make the furnishing assertive, rich in atmosphere and stylish. By using tinted translucent products, you can provide an object with a new appearance while retaining the expressiveness of the old wood surface, e.g. wood grains.

When using translucent colours the original colour of the wood will remain visible and will affect the result. Different species of wood and even different sections of the same wood absorb colour differently. In addition, the quality of the finishing agent, the texture of the surface and the number of coats used influence the final colour. It is difficult to achieve light, pure shades on dark wood species with translucent treatment. You can make only new wood appear very light, almost like lacquered white. Even under a light coloured lacquer, wood will slowly turn darker. Darkened ceiling panels should preferably be painted with a light coloured opaque paint.

The type of finishing agent used affects the result. Oils are fully absorbed by wood, and only the denser and more even sections, e.g. wood grains, are dyed less. An alkyd lacquer penetrates wood deeper than a water-borne lacquer or wood finish. This accentuates the wood's own colour but alkyd binders are slightly tinged with yellow and change e.g. blue shades towards green. Undiluted water-borne lacquers may seem too colourful. As a rule, we recommend that you always make a test on a spot that cannot be seen or on a separate board of the same material. A tinted product can and preferably should be diluted by 10 - 30 % for the first application. After all, it is always easier to make a colour darker than to remove it. A second application with a tinted product darkens the surface, but you can also use a colourless product for the recommended second application in order to achieve wear resistance.



Ceiling tinted to the colour 3441.

PRODUCTS FOR THE INTERIOR SURFACES OF NEW LOG HOUSES

WALLS AND CEILINGS

For making light coloured wooden surfaces, use *Paneeli-Ässä (Panel-Ace) Titan*

For colourless or tinted finish, use *Paneeli-Ässä Hirsisuoja (Log Treatment)*, *Paneeli-Ässä (Panel-Ace)*, *Kiva Furniture Lacquer*, *Kiva Panel* or *Unica Super Lacquer*

For painting panel surfaces, use *Feelings Furniture Primer* + *Feelings Furniture Paint*.

WINDOW FRAMES, DOORS, SKIRTING AND FURNITURE:

For colourless or tinted lacquering, use *Kiva Furniture Lacquer* or *Unica Super Lacquer*.

For painting, use *Feelings Furniture Primer* + *Feelings Furniture Paint*

BOARD AND PARQUET FLOORS

For colourless lacquering, use *Kiva Floor* or *Parketti-Ässä (Parquet-Ace) Priming lacquer* + *finishing lacquer* or *Unica Super Lacquer*.

For tinted treatment, use *Parketti-Ässä (Parquet-Ace) Stain* + *Kiva Floor*, *Parketti-Ässä (Parquet-Ace) finishing lacquer* or *Unica Super Lacquer*.

For painting, use *Betolux*, *Permo* or *Unica Floor Paint*.



Wall colour 3466.
Ceiling painted opaque white

RECOMMENDATIONS FOR THE INTERIOR SURFACES OF LOG HOUSES



WALLS AND CEILINGS IN DRY ROOMS

LACQUERING

Remove any dirt and dust from the surfaces.

Remove resin from knots with a steel scraper.

Fill any small cracks and holes with **Spakkeli Puukitti (Wood putty)** and sand the filled sections.

Apply 2 - 3 coats of lacquer to the surfaces with colourless or tinted **Paneeli-Ässä (Panel-Ace), Kiva Panel or Paneeli-Ässä Hirsisuoja (Panel-Ace log treatment) or Paneeli-Ässä (Panel Ace) Titan** on light coloured wooden surfaces

Slightly sand the surface between treatments and remove sanding dust.

PAINTING

Remove any dirt and dust from the surfaces.

Remove resin from knots with a steel scraper.

Treat knots with **Oksalakka (Knot lacquer)**.

Fill any cracks and holes with **Presto Filler or Lakkakitti (Filler stopper)** and use sandpaper to sand the filled sections. Remove sanding dust.

Prime the surfaces with **Feelings Furniture Primer** thinned 5 - 10 % with water and finish with 1 - 2 coats of **Feelings Furniture Paint**.

HOW TO ACHIEVE DURABLE RESULTS INDOORS

- You can get best results for a wooden surface to be lacquered and oiled by moistening the surface, letting it dry and lightly sanding off any risen wood fibres.
- Thin tinted water-borne interior lacquers and protective agents with water by 20 - 30 % for the first treatment. Solvent-borne lacquers (clear or tinted) are always thinned according to their instructions.
- When using tinted lacquers, always treat panel surfaces and wooden furniture without interruptions in the direction of the grain, with large panel surfaces a couple of boards at a time in order to achieve even colour and to avoid overlaps.
- Check first that the colour is correct by coating a separate block of wood as a test. The final shade of the finished surface depends on the kind of wood used, its porosity original shade and the number of coats applied.
- The same products are suitable for heat-treated wood indoors as for other wooden surfaces. Do remember that oil treatment always darkens the original colour of the wood. Apply a test coat.
- Oil treatment significantly darkens the wood's original colour. An oiled surface reaches its final hardness after approx. one week. During this time, it is important that the wood is not washed and that it does not get dirty.

FLOORS IN DRY ROOMS

LACQUERING

Remove any dirt and dust from the surfaces.

Remove resin from knots with a steel scraper, sand the surfaces and remove sanding dust.

Fill or wedge up large chinks in boarded floors with wooden wedges. Sand and remove sanding dust.

Prime with 2 - 3 coats of **Parketti-Ässä (Parquet-Ace) primer** or with 1 - 2 coats of coloured **Parketti-Ässä Pesi Parquet-Ace stain** and finish with 2 - 3 coats of **Parketti-Ässä (Parquet-Ace) finishing lacquer**.

OR

Prime with **Unica Super** semi-gloss or gloss thinned 20 - 40 % with **White Spirit**. **Unica Super** semi-gloss is thinned 5 - 10 % for priming. Finish with 1 - 2 coats of **Unica Super** semi-gloss or glossy thinned 0 - 20 % with **White spirit** or with 1 - 2 coats of unthinned **Unica Super** semi-gloss.

PAINTING

Remove any dirt and dust from the surfaces.

Remove resin from knots with a steel scraper.

Isolate knots with **Oksalakka (Knot lacquer)**.

Fill any small cracks and holes with **Spakkeli Puukitti, Spakkeli Alkydisilote (Alkyd Potty) or Lakkakitti (filler stopper)**. Wedge up chinks in boarded floors with wooden wedges. Sand the filled sections and remove sanding dust.

Prime with **Betolux, Permo or Unica Floor Paint** thinned 20 - 30 % with White Spirit 1050.

Finish with 1 - 2 coats of **Betolux, Permo or Unica Floor Paint**.

INITIAL TREATMENT OF SAUNA INTERIOR SURFACES

WALLS, CEILINGS, DOORS AND JOINERY OF SAUNA SHOWER ROOMS AND DRESSING ROOMS

For colourless or tinted protection, use *Supi Saunasuoja (Sauna Protection)*.

For colourless or tinted lacquering, use *Unica Super Lacquer*.

WALLS AND CEILINGS OF SAUNA STEAMING ROOMS

For colourless or tinted protection, use *Supi Saunasuoja (Sauna Protection)*

SAUNA BENCHES:

For protection, use *Supi Laudesuoja (Bench Protection)*

Get detailed work instructions from your shop or print them from www.tikkurila.com

Instructions and helpful hints on painting

Ceilings
Walls
Wet rooms

Windows and doors
Floors
Furniture



Treat heat-treated wood in sauna rooms with or *Supi Laudesuoja (Bench Protection)*.

CALCULATING CONSUMPTION AND COVERAGE



The consumption of wood finishes varies depending on the surface to be treated and its condition. Absorption is influenced by the roughness of the surface and by the dryness and porosity of the wood. For example, treating a log surface that has been untreated for long absorbs a lot more wood finish than a new surface.

When calculating the consumption, remember that the consumption for round logs is 1.5 times higher than normal. Include also the corner joints in the surface area. As the filling rate is usually 90 %, you should round up the litre amounts and reserve a sufficient amount of the product in order to avoid interrupting work and to achieve an even colour. You can find proposed coverage values for a single application at the end of the brochure and on the product data sheets.

HOW TO CALCULATE THE CONSUMPTION OF WOOD PRESERVATIVE

- height x width of exterior wall = area of one exterior wall to be painted
- wall 1 + wall 2 + wall 3 + wall 4 = total area to be painted.
- total area divided by the coverage of the paint or wood preservative (m²/l) = consumption



TEN GOLDEN RULES FOR INTERIOR AND EXTERIOR PAINTING

- 1.** *Select the appropriate product and colour.*
Consult your paint shop, Tikkurila product brochures and painting guides or our web pages, www.tikkurila.com
- 2.** *Plan the job carefully.*
Calculate how much paint you will need, and purchase the necessary tools and materials from an expert paint shop. Consider where to start and how the job can be done as well as possible. Check the colour by testing the paint on a separate piece of wood.
- 3.** *Use appropriate tools of good quality,*
as the result with poor tools will not be satisfactory regardless of how good the paint is.
- 4.** *Use appropriate clothing and other protective equipment.*
- 5.** *Protect the environment and other building parts from detergent and paint splashes.*
- 6.** *Check that the surface to be painted is clean and in a good condition.*
Do not be careless in the pre-treatment, as the paint will not adhere to a dirty base or hide poorly made priming.
- 7.** *Carefully read the product instructions on the label of the paint can.*
If in doubt, look for more information on our web site www.tikkurila.com.
- 8.** *Work smoothly and carefully.*
Do not try to speed up the job by applying too thick coats at a time.
- 9.** *Ensure that the painting conditions are appropriate.*
If you paint in too moist, cold or hot conditions, drying of the paint and formation of the paint film may be impaired.
- 10.** *Carefully clean the tools with*
E.g. Pensselipesu (Brush Cleaner) and dispose of the paint waste in an appropriate manner. For instructions, see the label on the paint can.

PRODUCTS FOR EXTERIOR SURFACES

	PRIMING OILS		TRANSLUCENT WOOD FINISHES	
Product	 Valtti Base	 Valtti Akvabase	 Valtti Color	 Valtti Akvacolor
	Priming oil containing linseed oil	Priming oil containing plant oil	Translucent wood finish	Translucent wood finish based on natural oils
Thinner	White Spirit 1050	Water	White Spirit 1050	Water
Gloss	-	-	-	-
Examples of use	All bare wooden surfaces to be treated with translucent or opaque products (not under wood oils)	All bare wooden surfaces to be treated with translucent or opaque products (not under wood oils)	Exterior walls, doors, fences and other similar wooden structures	Exterior walls, doors, fences and other similar wooden structures
Suitability	Log surfaces, sawn and planed bare wooden surfaces and treated timber surfaces	Log surfaces, sawn and planed bare wooden surfaces and treated timber surfaces	New log surfaces or ones that have been previously treated with translucent wood finish, sawn and planed wooden surfaces, various wooden and treated timber surfaces	New log surfaces or ones that have been previously treated with translucent wood finish, sawn and planed wooden surfaces, various wooden and treated timber surfaces
Colour range	Colourless and wood colour (337 F)	Colourless and wood colour (337 F)	Tikkurila Semi-Transparent Wood Finishes Colour Card	Tikkurila Semi-Transparent Wood Finishes Colour Card
Special property	Protects against moisture and slows down microbial growth.	Protects against moisture and slows down microbial growth.	Penetrates well into the timber and does not form a uniform film after the first treatment.	Environmentally friendly wood finish. Penetrates well into the timber and does not form a uniform film after the first treatment.
Coverage (m²/l)	sawn log 8-10 round log 8-10 sawn board 4-5 planed board 8-10	sawn log 8-10 round log 8-10 sawn board 4-5 planed board 8-10	sawn log 9-11 round log 8-10 sawn board 4-8 planed board 8-12	sawn log 9-11 round log 8-10 sawn board 4-8 planed board 8-12

*We also offer solutions for insect and worm protection for some geographical areas. Please ask Tikkurila for more information.
Please ask Tikkurila for more information.*

OPAQUE WOOD FINISHES



Valtti Opaque

Opaque wood finish

Water

Semi-matt

Exterior walls, window frames, covering boards and other similar wooden structures

New log surfaces or ones that have been previously treated with translucent wood finish or Valtti Opaque, sawn and planed wooden surfaces, various wooden and treated timber surfaces

Valtti Opaque colour card and the colours in the Exterior Paint colour card

Environmentally friendly wood finish. Covers well and leaves the surface texture of wood visible.

sawn log 9-11
round logi 8-10
sawn board 4-6
planed board 8-10

WOOD OILS FOR BOARD SURFACES



Valtti Puuöljy (Wood oil)

Traditional, plant oil-based wood oil

White Spirit 1050

-

Garden furniture, terraces, stairs, fences, balustrades, jetties, gratings, flower boxes, doors

New wooden surfaces or ones previously treated with wood oil

Translucent Wood Finishes colour card

Penetrates well into the timber and leaves a natural looking beautiful surface. Protects against moisture and dirt and reduces cracking of the wooden surface. Oil treatment darkens the original colour of wood.

Valtti Puuöljy approx. 5 depending on the porosity of the wood



Valtti Puuöljy (Wood oil) Akva

Traditional, plant oil-based wood oil

water

-

Garden furniture, terraces, stairs, fences, balustrades, jetties, gratings, flower boxes, doors

New wooden surfaces or ones previously treated with wood oil

Translucent Wood Finishes colour card

Penetrates well into the timber and leaves a natural looking beautiful surface. Protects against moisture and dirt and reduces cracking of the wooden surface. Oil treatment darkens the original colour of wood.

Valtti Puuöljy Akva 5-7; depending on the porosity of the wood



Valtti Kalusteöljy Ruskea (Furniture oil Brown)

Brown wood oil containing wax

White Spirit 1050

-

Garden furniture, terraces, stairs, fences, balustrades, jetties, gratings, flower boxes, doors

Impregnated wooden surfaces, heat-treated and untreated wood

Brown

Evens the brown colour of a heat-treated wooden surfaces and impregnated timber.





approx. 5 m²/l

Use wood finishes safely. Always read the label and product information before use.

Round log surfaces = see the section "Calculating consumption"

PRODUCTS FOR INTERIOR SURFACES

LACQUERS

Product	 Paneeli-Ässä Hirsisuoja (Panel-Ace log protection)	 Kiva Panel Lacquer (Paneeli-Ässä Paneelilakka)	 Paneeli-Ässä Titan (Panel-Ace Titan)	 Kiva Interior lacquer (Kiva Kalustelakka)
	Acrylate protective agent (tintable)	Panel lacquer (tintable)	Panel lacquer for light coloured surfaces	Acrylate lacquer (tintable)
Thinner	Water	Water	Water	Water
Gloss	Semi-matt	Semi-matt and matt	Semi-matt	Gloss, semi-gloss and semi-matt
Examples of use	Walls, ceilings, doors and other similar interior surfaces in dry rooms	Walls, ceilings, doors	Wall panels, ceilings, log surfaces, doors	Furniture, fixtures, wall panels and ceilings, doors, toys and other wood surfaces
Suitability	Wood, panel, log, concrete and brick surfaces indoors	For various wood, panels, logs, concrete and brick surfaces in dry rooms	For light coloured wood surfaces in dry rooms	Wood surfaces in dry rooms
Colour range	Semi-Transparent Wood Finishes Colour card and 5 different degrees of white	Semi-Transparent Wood Finishes Colour card and 5 different degrees of white	Slightly whiteish	Semi-Transparent Wood Finishes Colour card and 5 different degrees of white
Special property	When applied thinly, penetrates well into the timber forming a dirt and water-resistant surface. Contains anti-blue stain and anti-mildew compounds	Quickly drying non-yellowing lacquer, contains UV protective agent	Maintains best the light colour of wood surfaces (the UV protective agent efficiently filters the UV radiation of the sun)	Quickly drying multi-purpose lacquer for applications subject to heavy mechanical stress
Coverage (m²/l)	8-12 m ² /l	8-12 m ² /l	8-12 m ² /l	8-14 m ² /l depending on the kind of wood, its porosity and hardness

Use wood finishes safely. Always read the label and product information before use.

SAUNA PROTECTION



**Parketti-Ässä Petsi
(Parquet-Ace stain)**



**Kiva Floor Lacquer
(Parketti-Ässä finishing lacquer)**



**Unica Super lacquer
(Unica Super)**



**Supi Laudesuoja
(Bench Protection)**



**Supi Saunasuoja
(Sauna Protection)**

Acrylate stain
(tintable)

Polyurethane-
acrylate lacquer

Urethane alkyd
lacquer

Protective oil

Protective agent
(tintable)

Water

Water

White Spirit 1050

-

Water

-

Gloss and semi-gloss

Semi-matt, semi-
gloss and gloss

-

Semi-matt

Parquet and boards

Parquet and boarded
boards

Boats, floors, doors,
joinery, furniture and
other similar wooden
surfaces

Sauna benches

Especially for treating
the walls and ceilings
of saunas, shower
rooms and dressing
rooms

For sanded wood
surfaces when
using Parketti-Ässä
finishing lacquer for
finishing

Wood surfaces
indoors. When
colourless lacquering
is required, prime
with Parketti-Ässä
priming lacquer

For lacquering wood
surfaces indoors and
outdoors

Wooden surfaces

Wooden, concrete
and brick surfaces

Semi-Transparent
Wood Finishes
Colour card and 5
different degrees of
white

Colourless

Semi-Transparent
Wood Finishes Colour
card and 5 different
degrees of white

Colourless
(deepens the colour
of the surface to be
treated)

Semi-Transparent
wood Finishes Colour
card and 5 different
degrees of white

Dries quickly. Its long
open time gives you
time to apply the
colour evenly also to
a large floor area.

Quickly drying
non-yellowing floor
lacquer, contains
UV protective
agent

Very good wear and
wash resistance

Protects from dirt
and moisture

Forms a dirt-resistant
surface that is
easy to keep clean.
Contains anti-blue
stain and anti-mildew
compounds.

Application with a
brush 15 - 20 m²/l
Application with a
flotex spreader
20-25 m²/l

Application with a
brush 8 - 12 m²/l
Application with a
flotex spreader
12-15 m²/l

12-14 m²/l

8-15 m²/l

8-12 m²/l

DON'T FORGET TIKKURILA'S OTHER PAINTING GUIDES



TIKKURILA



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