



WOOD CARE catalogue



WOOD REQUIRES CARE AND PROTECTION



Wood is a natural raw material composed primarily of cellulose, hemicellulose and lignin. It displays various useful qualities: apart from being resilient, solid and elastic, the material is beautiful, diverse and easy for processing.

The drawback of natural wood is that it requires care and protection so the wood could extend its life period and preserve its natural appearance.

Various factors have impact on the wood and destroy it:

- **UV rays** – natural UV light makes the wood grey and fragile.
- **HUMIDITY/EXCESSIVE MOISTENING** – outdoors water facilitates decaying of wood and appearance of ugly grey stains.
- **MOLD AND FUNGI** – these microorganisms form dark stains and can destroy the wood in the long term.
- **WOODWORMS** – they eat wood and destroy it

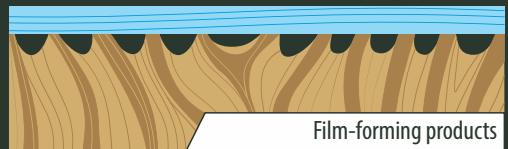
Types of wood surface protection



- Protects the wood from inside
- Does not form film
- It is absorbed in the wood

Advantages

- Penetrates in depth
- Emphasizes the wood texture
- The wood pores remain open so humidity is absorbed and released without damaging the wood
- The coating does not crack, peel or flake



- Protects the wood from outside
- Forms a film
- Forms a thick coat

Advantages

- Good resistance to liquids
- Protection against wear
- Easy to maintain
- Provides good protection from UV-rays, rain and moisture



- **Deeply penetrating**
- **Protects from wood-destroying insects**
- **Protects from mold and fungi**



TIMMER WOOD IMPREGNANT



mold and fungi



wood-destroying insects



wood-decay fungi

The process of impregnation

Impregnation is treatment directed to preventive protection of wood against pests.

Description and use

Timmer Wood Impregnant is a high quality water-based biocide preservative which penetrates deeply in the wood and its active substances protect the wood from insects and development of fungi/mold that lead to colouring (formation of blue stains), decay and destruction of wood. It is used for treatment of all kinds of wooden surfaces, and hardwood and softwood products, in the interior and exterior - wooden structures, joinery, fences, wooden house paneling and etc.

Application method:

Prepare the surface by grinding and cleaning from dust, old coatings and other contaminations. Timmer Wood Impregnant is a ready-to-use product, it is not diluted. Stir well before use and apply by a brush. After impregnation apply a suitable finish coating. The finish coating is applied directly over the treated wood surface after its complete drying (24 hours).

Recommendation: Provide good ventilation during drying.

Preserves and protects wood from:

- Decay
- Mold and fungi
- Wood-decay fungi
- Termites
- Wood worms
- Insects destroying the wood

Consumption	Package	Number of layers	Drying time	Application temperature
200 ml/m ²	750ml	1-2 layers	4-6 hours at normal conditions	10°C to 30°C



- **The wood breaths**
- **The oil creates water impermeable film**
- **Emphasizes the natural structure of wood**

TIMMER WOOD OIL



1 grind
the surface



2 apply by brush or
cotton cloth



3 wipe the
excess oil

Description and use

High-quality wood oil intended for protection of all types of wood and hardwood and softwood products in the interior and exterior. The innovative product formula allows for the product to absorb deep into the wood and to connect firmly with its structure, unlike traditional varnishes and paints whose larger molecules form a surface film without penetrating into the wood.

The coating does not form flakes and peels in time and it is easy to renovate and maintain during the years. The oil gives a soft and natural colour to the treated objects, and the wood grains /patterns/ remain visible.

Application method:

Prepare the surface by grinding and cleaning from dust, grease resin residues and other impurities. Remove old coatings from paints and lacquers. Timmer Wood Oil is a ready-to-use product. Stir well before use. Apply a thin layer by brush or cotton cloth along the length of the wood fibers and spread well. Wipe the excess oil with a clean absorbent cloth after 10 minutes. It is recommended to re-apply after a 6-8 hours interval for better wood protection. Again, wipe the excess oil remaining on the surface. The coating is renewed at an interval of 1-2 years.

Oils are natural products for protecting wood surfaces. They give the wood extra aesthetics, value, and warmth. Natural oils penetrate deep into the structure of the tree, ennoble and protect it.

Hiding power	Package	Number of layers	Drying time	Application temperature
11-15 m ² /L	750ml	1-2 layers	24 hours	5°C to 30°C



- Gives Antique style effect
- Easy for grinding
- Waterborne product

TIMMER ANTIQUE - EFFECT WOOD COATING



EFFECT COATING



THICK COATING

Description and use

High quality waterborne coating for decoration and protection of surfaces and products from hardwood and softwood in the interior and exterior. The innovative formula of the product gives an artificially aged look to the processed articles.

For Antique effect:

- 1 Grind and clean the surface from dust.
- 2 Stir well before use.
- 3 Apply one coat Timmer Antique with a brush, roller or airless spray gun.
- 4 Wait to dry for 12-24 hours depending on the environmental temperature.
- 5 Grind finely with sand paper number 150-400 (depending on the desired effect).
- 6 To obtain more aged and worn out appearance, grind additionally some surface areas until the desired look is achieved.
- 7 For exterior use it is recommended application of additional protective layer of Timmer Waterborne Wood Lacquer or Timmer Polyurethane Wood Lacquer that will further emphasize the effect.

For thick coating:

- 1 Grind and clean the surface from dust.
- 2 Stir well before use.
- 3 Apply layer of Timmer Antique with a brush, roller or airless spray gun.
- 4 To achieve a thicker coating, apply a subsequent layer.
- 5 Application of additional protective layer is not necessary for exterior use.

Hiding power	Package	Number of layers	Drying time	Application temperature
10-15 m ² /L	750ml	1-2 layers	24 часа	5°C to 30°C

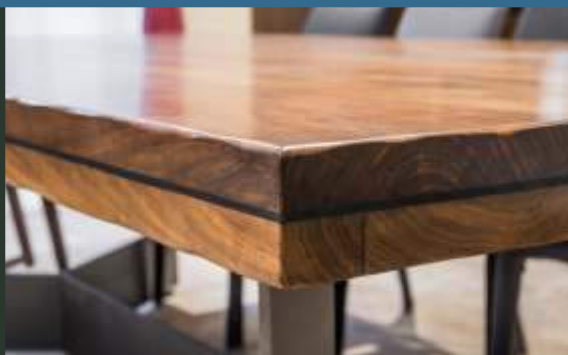


timmer EXPERT WOOD CARE



- Thick-layered coating
- Possibility for applying of just 1 layer
- Forms hard but elastic film, resistant against peeling and flaking

TIMMER POLYURETHANE WOOD LACQUER



Description and use

High quality water-soluble polyurethane lacquer for wood, intended for protection and decoration of all kinds of wooden surfaces and hardwood and softwood products in the interior and exterior – shelves, garden furniture, fences, doors, railings, pavilions, paneling etc. The coating is thick-layered with excellent light resistance, endurance against peeling and cracking at the corners and resistance to atmospheric impacts.

*The coating displays anti-blocking effect.

Application method:

Prepare the surface by grinding and cleaning from dust, grease, resin residues and other impurities. For additional wood protection impregnate with TimmerWood Impregnant. Allow treated surfaces to dry well for 4 to 6 hours.

After impregnation, apply Timmer Polyurethane Wood Lacquer by a brush or airless spray gun in 1-2 coats. Apply each subsequent layer after the drying of the previous one (4-6h).

***Anti-blocking effect** - This characteristic estimates the resistance of coatings against sticking under hot pressure (if the lacquer has good block resistance, this is a guarantee that in 24-48 hours after the varnishing of doors and window frames if these surfaces are closed they will not stick and after opening the coating will not be damaged).

It is offered in
two versions:

matt



gloss



Hiding power	Package	Dilution	Number of layers	Drying time	Application temperature
11-15 m ² /L	750ml	If necessary with up to 5% water	1-2 layers	24 hours	10°C to 30°C



- **Innovative UV protection**
- **Strong weather resistance**
- **High elasticity that does not allow flaking and peeling**

TIMMER WATERBORNE WOOD LACQUER



Description and use

High quality water-soluble wood lacquer intended for protection and decoration of all kinds of wooden surfaces, and hardwood and softwood products, in the interior and exterior – shelves, garden furniture, fences, doors, railings, pavilions, panelling, etc. The coating is applied in thin layer, but it is extremely resistant to atmospheric influences and UV-rays.

Application method:

Prepare the surfaces by grinding and cleaning from dust, grease, resin residues and other impurities. Impregnate with Timmer Wood Impregnant for additional wood protection. Allow for the treated surfaces to dry for 4 to 6 hours. After impregnation, apply Timmer Waterborne Wood Lacquer by brush, roller or airless sprayer in 2-3 coats. Apply each subsequent layer after the drying of the previous one (4-6h).

Innovative (combined) UV protection: contains UV filters and light stabilizer.

The light stabilizers act as free radical "scavengers" and in combination with UVA additives increase the external resistance of colorless lacquers – they form endurance to cracking, preserve the shine, the coating does not crumble, does not flake.

**It is offered
in three
versions :**



matt



satin



gloss

Hiding power	Package	Dilution	Number of layers	Drying time	Application temperature
11-15 m ² /L	750ml	If necessary with water up to 5%	2-3 layers	24 hours	5°C to 30°C



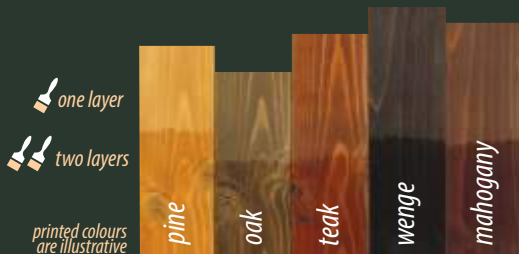
- **Emphasizes the wood texture**
- **Durability of colours**
- **Water-soluble product**

TIMMER WOOD STAIN



Description and use

High-quality water-soluble stain for wood, intended to stain all kinds of wooden surfaces and hardwood and softwood products in the interior and exterior - garden furniture, fences, doors, railings, pavilions, paneling etc. The product penetrates in depth, ensuring colour stability and highlighting the wood texture.



Application method:

Prepare the surface by grinding and cleaning from dust, grease, resin residues and other impurities. Remove old coatings from paints and lacquers. Timmer Wood Stain is ready-to-use product. Adding water would lower the colour intensity. Apply Timmer Wood Stain in 1-2 layers along the wood fibers by a brush, sponge or by a spray gun. When applied with a sponge, the surface is saturated and the excess is wiped with a soft absorbent cloth. To achieve a more intense colour, a second layer has to be applied. For protection against atmospheric impacts apply Timmer Waterborne Wood Lacquer or Timmer Polyurethane Wood Lacquer, after drying of the stain.

The process of wood staining

In order to change the natural colour of wood surfaces without hiding the wood grain, one can use a solution called "stain" and the process „treatment with stain“. The stain penetrates deep into the capillaries of the wood without clogging them and without hiding the wood texture.

Hiding power	Package	Dilution	Number of layers	Drying time	Application temperature
10-13 m ² /L	750ml	with water	1-2 layers	1-2 hours	5°C to 25°C



- **Good filling properties**
- **Fast drying**
- **Good grinding properties**

TIMMER WOOD FILLER



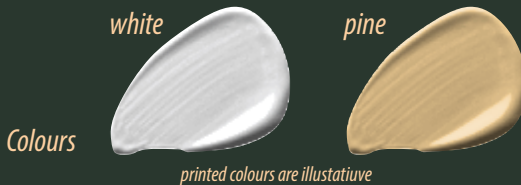
Description and use

High quality acrylate wood filler that is intended to leveling and filling unevenness, pores and other defects on wood surface before subsequent processing - priming, painting or varnishing. Timmer Wood Filler has good filling and quick drying properties, strength and it is easy for grinding.

Application method:

Apply by a spatula in one or two layers over a dry, clean, grinded and dust free surface. The treated surface is dry in 20 minutes and in 1 hour time it could be grinded.

Recommendation: It is recommended to apply more thin layers when laying coats thicker than 2mm.



Package	Drying time	Application temperature
350g	1 hour	5°C to 25°C



timmer

EXPERT WOOD CARE



Timmer
Wood
Impregnant

+



Timmer
Wood
Stain

+



Timmer
Antique

+



Timmer
Polyurethane
Wood Lacquer

or



Timmer
Waterbourne
Wood lacquer



Timmer
Wood
Impregnant

+



Timmer
Antique

+



Timmer
Polyurethane
Wood Lacquer

or



Timmer
Waterbourne
Wood lacquer



Timmer
Wood
Impregnant

+



Timmer
Polyurethane
Wood Lacquer

or



Timmer
Waterbourne
Wood lacquer



Timmer
Wood
Impregnant

+



Timmer
Wood
Stain

+



Timmer
Polyurethane
Wood Lacquer

or



Timmer
Waterbourne
Wood lacquer



Timmer
Wood
Impregnant

+



Timmer
Wood Oil



Timmer
Wood
Impregnant

+



Timmer
Antique (effect coating)



Timmer
Wood
Impregnant

+



Timmer
Antique (thick coating)



Timmer
Wood
Impregnant

+



Timmer
Wood
Stain

+



Timmer
Antique (effect coating)



Timmer
Wood
Impregnant

+



Timmer
Wood
Stain

TIMMER recommends the use of products in systems for optimal results

	Protection against wood destroying insects and mold	Water impermeability	Effect Antique style	Weather resistance (snow, rain, sun)	Gives colour	Emphasizes wood texture
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	—	✓	—	—
	✓	✓	—	✓	✓	✓
	✓	✓	—	✓	—	✓
	✓	—	✓	—	✓	✓
	✓	✓	—	✓	✓	—
	✓	—	✓	—	✓	✓
	✓	—	—	—	✓	✓

 **timmer**
EXPERT WOOD CARE



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