



*Innovation in wood*









*Comfort in every home*

«**ML**» **Woodland** - manufacturer and market leader of producing products from thermowood for interiors and exteriors. We always find new solution for any design since 2004.

Natural wood which we use in our production grows in Ukraine and have a very good quality. We transform ukrainian ash and pine in a beautiful product- **thermowood**. Modern technology help us to produce good quality of decking, cladding and flooring. Line of producing consists from such brands: Weining, Viet, Vacumplus and others. Our team of high equipment people work hardly for getting the best results for our clients.

**Our mission - to come in people's social life with modern and ecofriendly products.**

► DECKING

► CLADDING

► FLOORING



## Woodland

We work with wood over

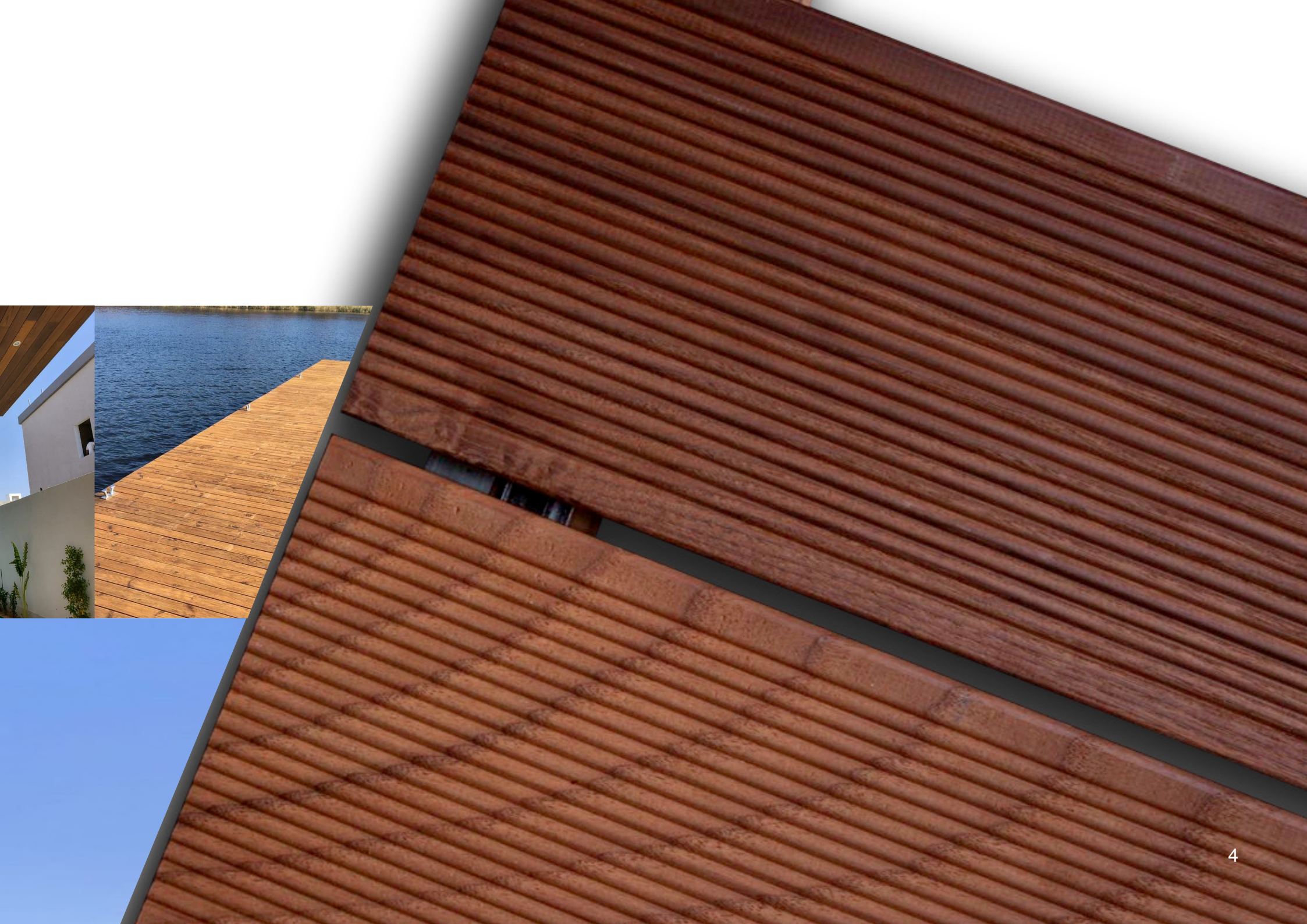
**15** years.

- ▶ DECKING
- ▶ CLADDING
- ▶ FLOORING

*Comfort in every home*









# *Why thermowood?*

t h e r m o t r e a t e d   w o o d



Shape stability



High strength



Weather resistance



No chemical additives



Insect resistance



Resistance to fungi





Thermowood - very strong, stable and long life wood. Our products you can use everywhere: seaside, pool, garden, facade of your home, sauna, terrace and others places with for outside using.

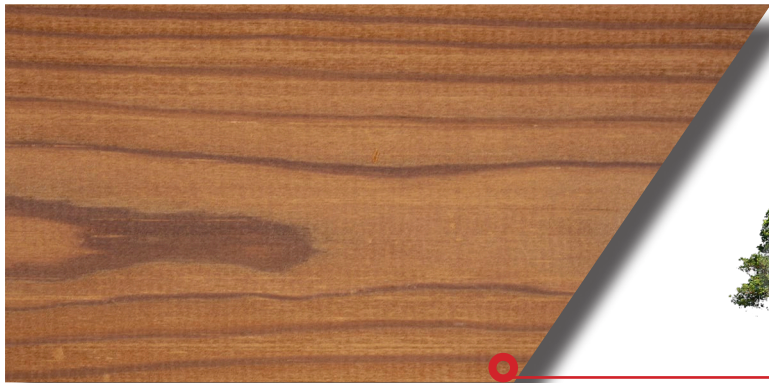




## ASH

Our ash products are hardwood solution - very strong and stable wood. Texture of ash is so beautiful.

Can use as for decking and cladding.

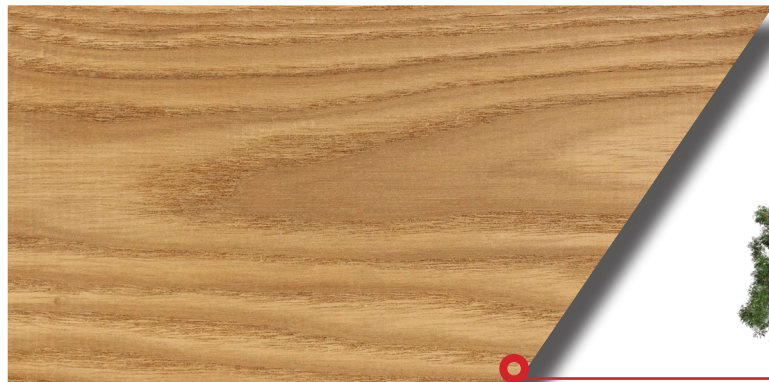


## PINE

Products from pine - light natural color with beautiful annual rings and knots. Smell like in the forest.

Can use as for decking and cladding.

Only natural wood.

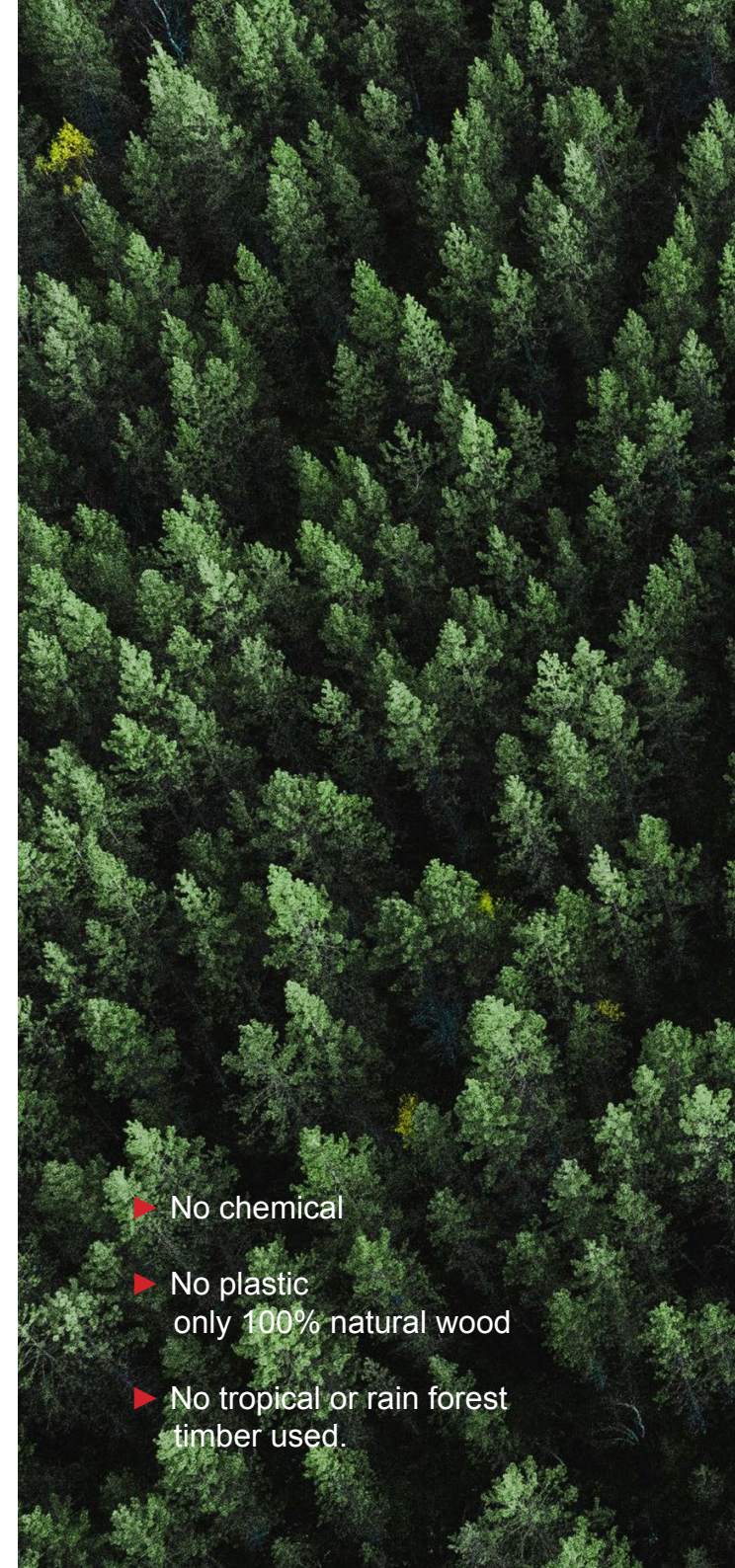


## ACACIA

Acacia very strong wood, stable and durability without thermomodification.

Can use as for decking and cladding.

Only natural wood.



- ▶ No chemical
- ▶ No plastic only 100% natural wood
- ▶ No tropical or rain forest timber used.



An aerial photograph of a dense, lush green forest. The trees are tightly packed, creating a textured canopy. A few trees are highlighted with a yellow glow, standing out from the sea of green. The lighting is soft, suggesting a filtered sunlight effect.

*We use only ecological wood.*



**D-1****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm
- ▶ 140\*20\*800-3000mm
- ▶ 160\*20\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**D-2****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm
- ▶ 140\*20\*800-3000mm
- ▶ 160\*20\*800-3000mm

**INSTALLATION**

- ▶ Clips T

**D-3****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**D-4****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm

**INSTALLATION**

- ▶ Clips T









**D-1****PROFILES**

- ▶ 100\*20/25\*1000-4500mm
- ▶ 120\*20/25\*1000-4500mm
- ▶ 140\*20/25\*1000-4500mm
- ▶ 160\*20/25\*1000-4500mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**D-2****PROFILES**

- ▶ 100\*20/25\*1000-4500mm
- ▶ 120\*20/25\*1000-4500mm
- ▶ 140\*20/25\*1000-4500mm
- ▶ 160\*20/25\*1000-4500mm

**INSTALLATION**

- ▶ Clips T

**D-3****PROFILES**

- ▶ 100\*20/25\*1000-4500mm
- ▶ 120\*20/25\*1000-4500mm

**INSTALLATION**

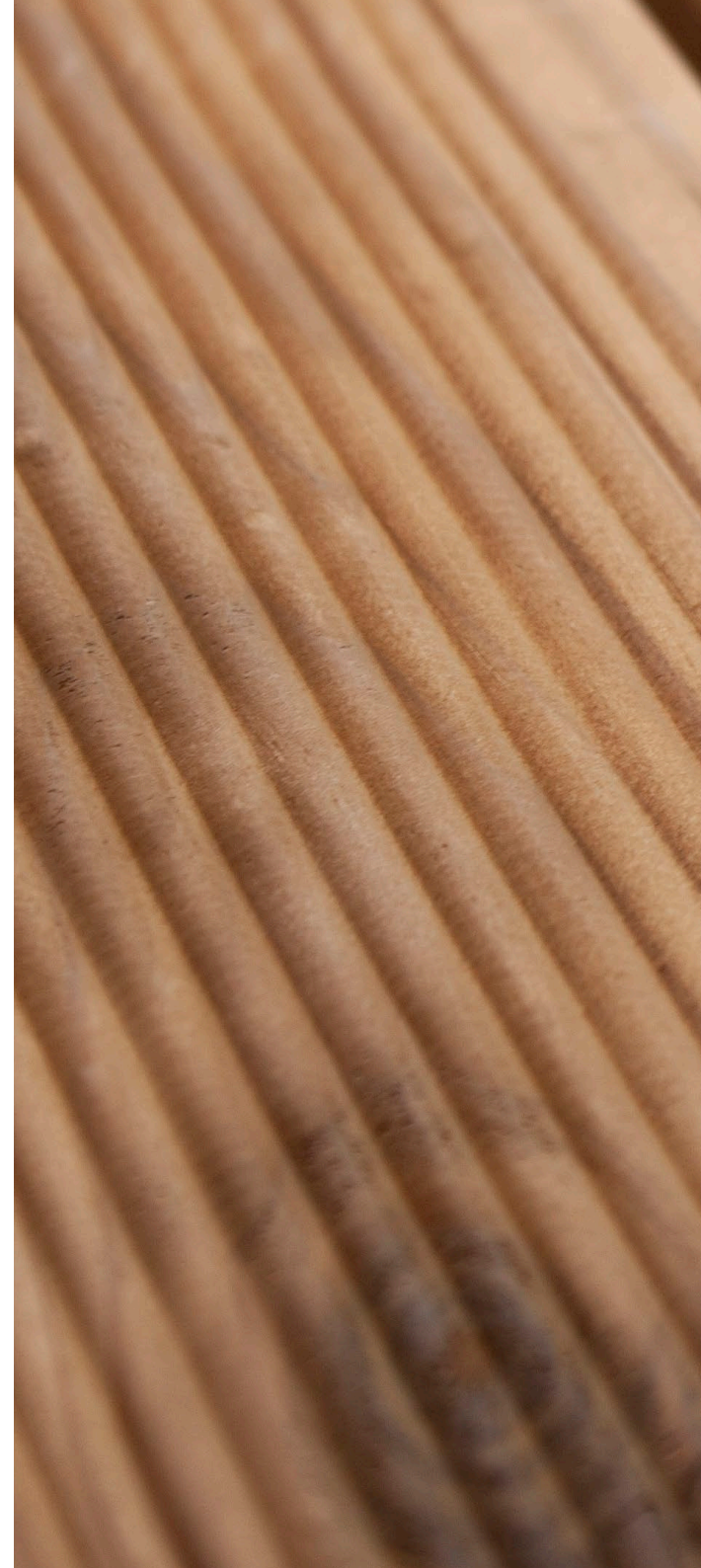
- ▶ Screws
- ▶ Metal plate

**D-4****PROFILES**

- ▶ 100\*20/25\*1000-4500mm
- ▶ 120\*20/25\*1000-4500mm

**INSTALLATION**

- ▶ Clips T















C-1

#### PROFILES

- ▶ 100\*20/25\*1000-4500mm
- ▶ 120\*20/25\*1000-4500mm
- ▶ 140\*20/25\*1000-4500mm
- ▶ 160\*20/25\*1000-4500mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-2

#### PROFILES

- ▶ 100\*20\*1000-4500mm
- ▶ 120\*20\*1000-4500mm
- ▶ 140\*20\*1000-4500mm
- ▶ 160\*20\*1000-4500mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-3

#### PROFILES

- ▶ 78\*15\*800-4500mm
- ▶ 98\*15\*800-4500mm
- ▶ 118\*15\*800-4500mm
- ▶ 128\*15\*800-4500mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-4

#### PROFILES

- ▶ 50-100\*20-50\*800-4500mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate







**C-1****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm
- ▶ 140\*20\*800-3000mm
- ▶ 160\*20\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**C-2****PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm
- ▶ 140\*20\*800-3000mm
- ▶ 160\*20\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**C-3****PROFILES**

- ▶ 78\*15\*800-3000mm
- ▶ 98\*15\*800-3000mm
- ▶ 118\*15\*800-3000mm
- ▶ 128\*15\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate

**C-4****PROFILES**

- ▶ 50-100\*20/25\*800-3000mm

**INSTALLATION**

- ▶ Screws
- ▶ Metal plate







**PROFILES**

- ▶ 100\*20\*800-3000mm
- ▶ 120\*20\*800-3000mm
- ▶ 140\*20\*800-3000mm
- ▶ 160\*20\*800-3000mm

**COATING**

- ▶ OIL
- ▶ WITHOUT

**PROFILES**

- ▶ 100\*15\*300-1500mm
- ▶ 70\*15\*300/350/420/500mm

**COATING**

- ▶ WITHOUT



D-1

#### PROFILES

- ▶ 100\*20/25\*800-2000mm
- ▶ 120\*20/25\*800-2000mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate

D-2

#### PROFILES

- ▶ 100\*20/25\*800-2000mm
- ▶ 120\*20/25\*800-2000mm

#### INSTALLATION

- ▶ Clips T

D-3

#### PROFILES

- ▶ 100\*20/25\*800-2000mm
- ▶ 120\*20/25\*800-2000mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate

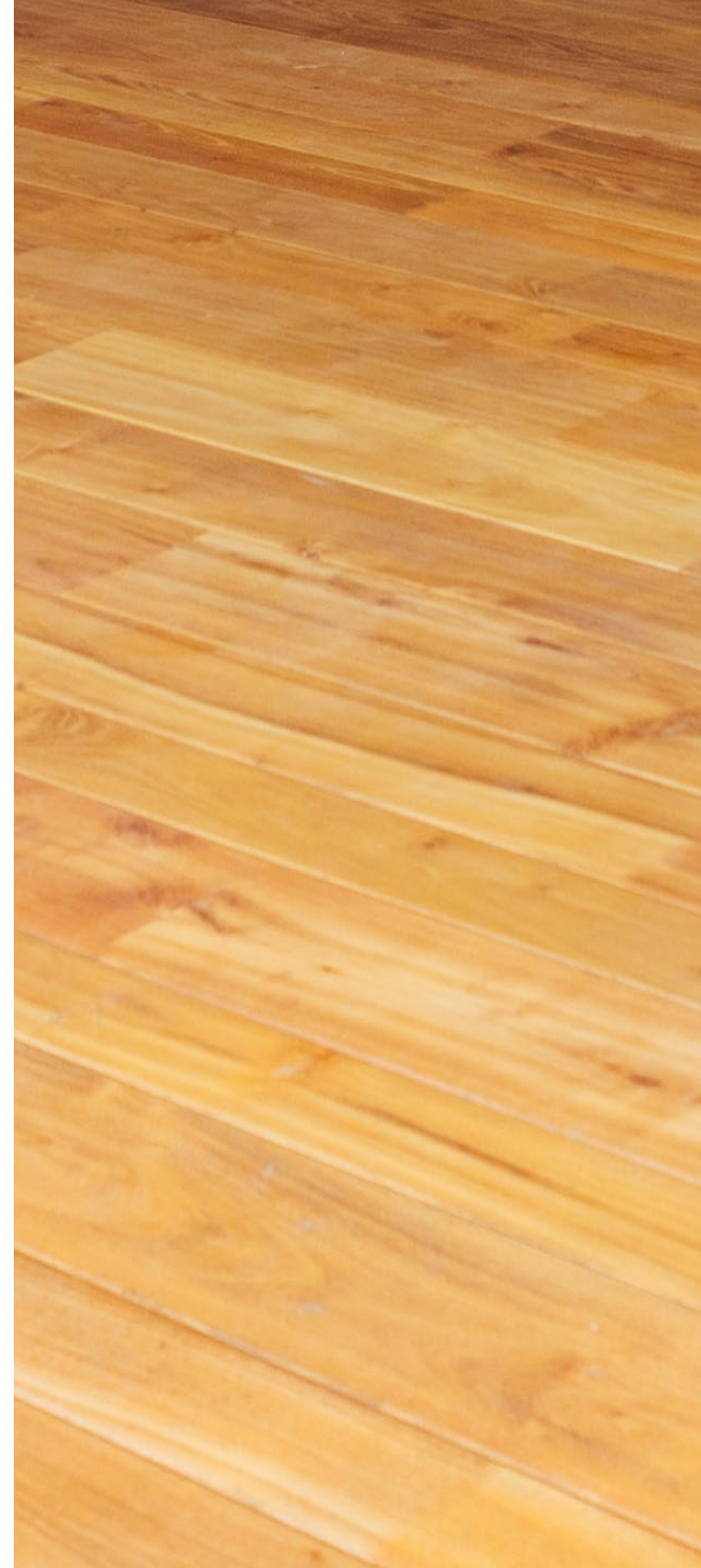
D-4

#### PROFILES

- ▶ 100\*20/25\*800-2000mm
- ▶ 120\*20/25\*800-2000mm

#### INSTALLATION

- ▶ Clips T















C-1

#### PROFILES

- ▶ 100\*20\*800-2000mm
- ▶ 120\*20\*800-2000mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-2

#### PROFILES

- ▶ 100\*20\*800-2000mm
- ▶ 120\*20\*800-2000mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-3

#### PROFILES

- ▶ 78\*15\*800-2000mm
- ▶ 98\*15\*800-2000mm
- ▶ 118\*15\*800-2000mm

#### INSTALLATION

- ▶ Screws
- ▶ Metal plate



C-4

#### PROFILES

- ▶ 50-100\*20/25\*800-2000mm

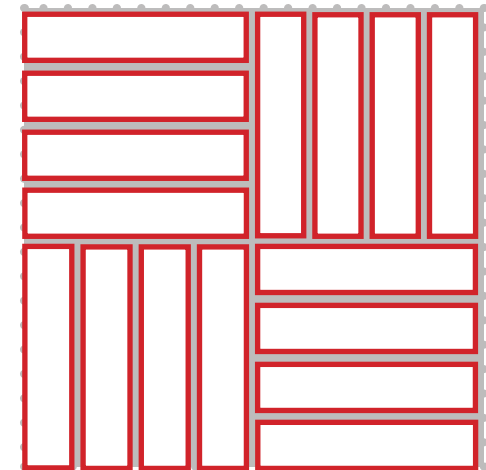
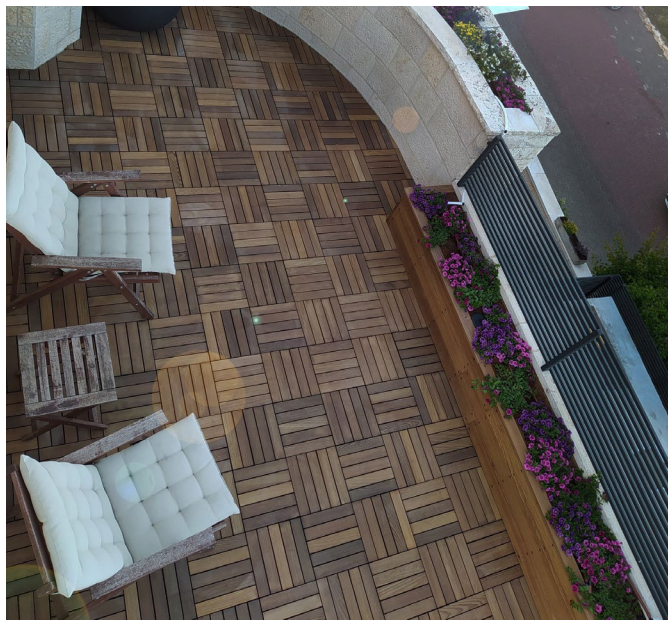
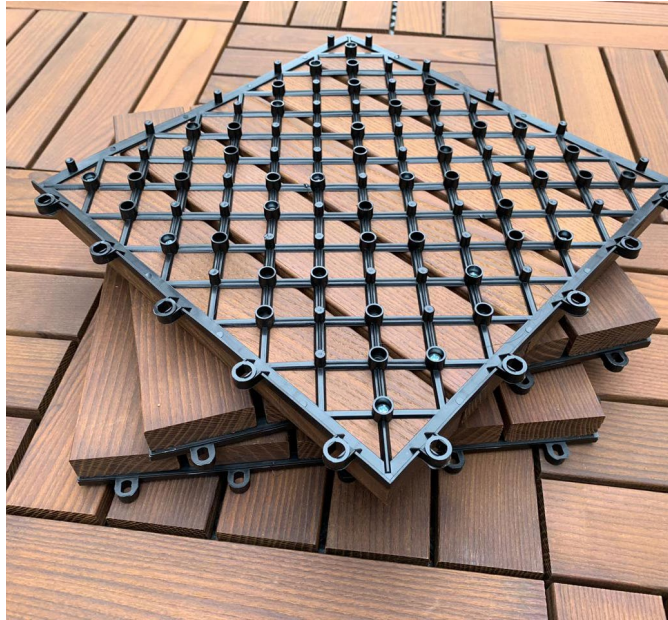
#### INSTALLATION

- ▶ Screws
- ▶ Metal plate









## PROFILES

► 300\*300\*28(20+8)mm

### BASE

### SCREWS

### INSTALLATION

### MATERIALS

► Stainless steel

► Tiles connect

► Ash thermo

► Pine thermo

► Acacia







**PROFILES**

- ▶ 15\*2\*70mm
- ▶ 15\*2\*140mm
- ▶ 15\*2\*160mm
- ▶ 15\*2\*185mm

**MATERIALS**

Metal plate

**PROFILES**

T-Clips

**MATERIALS**

Plastic

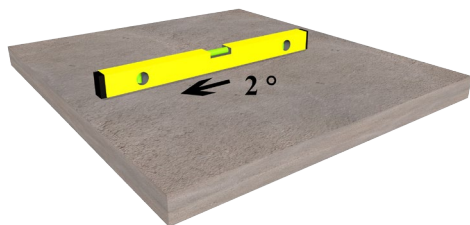




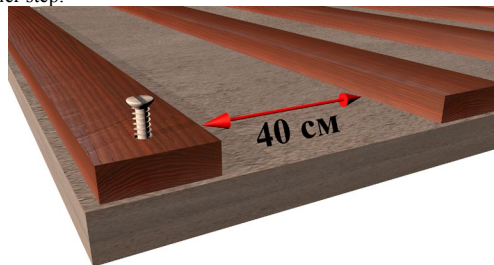
## The instruction for laying and care of a terrace board from thermo wood

### We present to your attention the following stages of laying of a terrace board:

1) Check of a basis under a terrace. It is worth knowing that the main task at production of the platform for the terrace device, is providing an effective drainage or removal of the storm water getting on it surface. It is dewatered at the expense of the organization of a necessary bias of a surface of the platform. The simplest and inexpensive method of preparation of such platform is the filling of a concrete pad up to 100 mm thick having a bias of 1-2%. The bias has to provide a water drain from constructions to which the terrace adjoins. Multidirectional biases, and in some cases – installation of water-collecting trays are often necessary. The contour of the platform has to coincide with a contour of future terrace.



2) We begin a log with laying. Logs it is a skeleton of our terrace. The classical way of laying providing durability in several decades is laying a log from biologically steady wood (thermowood). There are two types of laying a log: on an adjustable substrate; laying on a concrete basis. Our company recommends laying by the second option. The arrangement a log is carried out with a step to 40 cm, but at loading over 350 kg logs fix with a smaller step.



3) Before mounting of a terrace board it is necessary to cover it with 2 butter layers (oil special for outside application which has in itself a colorant light or dark and is intended for protection against ultraviolet rays). Our organization recommends oils of ADLER and OSMO. It is necessary to open a board from all directions and on end faces. After complete process of opening of a board it is possible to pass to the following stage – mounting. Also for long-lasting use of a terrace covering it is necessary to open annually a terrace board with the same oil (high layer), without resorting to a deconstruction of all terrace. It is necessary to cover with oil on a dry surface.



#### 4) Mounting of a terrace board and fixing.

There are many types of attachments of a terrace board, but our company recommends to use the hidden type of fixing. The hidden method of fixing represents fixing of iron (rust-resistant) or plastic plates to the most terrace board. Then it is fixed to a log by rust-resistant self-tapping screws. Also when screwing self-tapping screws it is necessary to drill beforehand a hole for preventing of a rupture of a board. The main factor in case of laying down of a terrace board is observance of distance between terrace boards, it shall make at least 8 mm – a gap for wood extension.



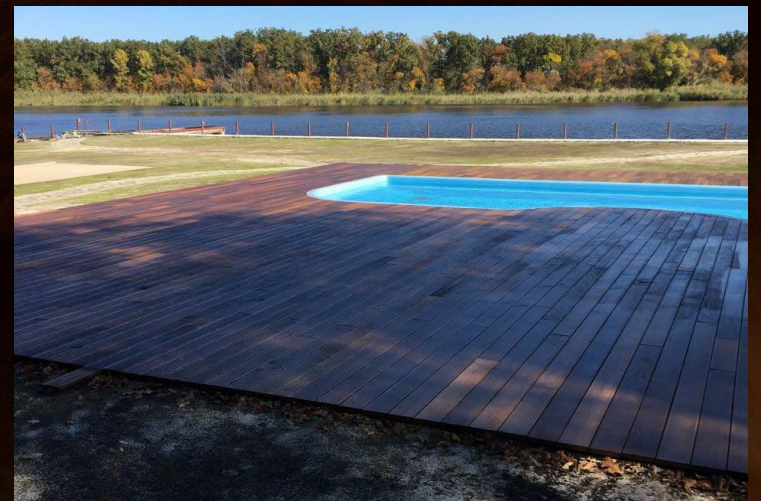
Irrespective of desire to save on manufacture of a terrace, we do not recommend the following simplifications:

- absence of gaps between boards, leads to deformation and a lift-off of boards from the base;
- low-quality plotting or plotting of a protecting cover only on outer side of boards. Also can be the reason of premature rotting logs and boards; (oil or a varnish shall be specified by the vendor for thermo wood)
- violation of technology of laying down of a terrace board to logs (the above-stated recommendations).

#### Care of a terrace board

- 1) The first and main factor on care of a terrace board is to open it every year with protective oil with which opened a board when mounting. (1 layer)
  - 2) In case of pollution of a terrace board not to use metal brushes as they harm a surface of a terrace board. To use only soft brushes (which are used for washing of a car and care of a parquet).
  - 3) It is allowed to use soap solution for cleaning terrace boards. It is necessary to dissolve detergent with water and a brush (soft) it is abundant to wash out. Then it is necessary to wash away soap solution. Not in which case not to apply soap solutions with an acid basis which can damage a surface of a terrace board. (The soap solution recommended by vendors of oil)
  - 4) In winter the period not to resort to use of hydrochloric solutions and salt on a surface of a terrace board, salt destroys upper a layer oils also damages a terrace board.
  - 5) When cleaning snow not to use metal shovels which can damage a surface, and use only plastic with rubber tips.
  - 6) Not to allow sharp overfall of temperatures on a surface of a terrace board. (not to water during the winter period with warm water for cleaning from snow and ice).
  - 7) To avoid the strong load of a terrace board that can damage its integrity.
  - 8) Not to apply a terrace board in terrain of dwelling of termites.
- In case of an exposure of all above-mentioned rules of leaving, your terrace will serve you for many years. In case of a mismatch of the above rules and requirements, the ML company Woodland doesn't bear a warranty. The warranty is extended to a terrace board (its quality, integrity, resistance to rotting).









**Woodland**  
I N T E R I O R S   &   E X T E R I O R S



*Wood is life*

Ukraine, Krivoy Rog  
[thermo.parket-ml.com](http://thermo.parket-ml.com)