

## GRILL CABIN 25.0 m<sup>2</sup>



SPECIFICATION		STANDARD SET
Cabin		Cabin walls
Size	25-30 people	Floor panels
Shape	8 corner	Roof covered with bitumen shingles
Timber	Pinewood	Adjustable chimney
External dimension (WxD), m	5.45 x 5.45	Small porch with a roof at the entrance
Building area (WxD), m	5.95 x 5.95	Windows
Inside area, m <sup>2</sup>	25.0	Door with the window, lock and handle
Total height, m	4.65	Central BBQ grill
Cargo weight, kg	2300	Table fitted around the grill
Side-wall board thickness, mm	45	Benches
Floor board thickness, mm	18	Cushions for the benches
Roof board thickness, mm	18	
<b>Roofing</b>	Bitumen shingles	
<b>Windows</b>		
Number of Windows	4	
Number of Opening Windows	2	
Size of Windows, mm	880 x 510	
Glass	Double glazed	
<b>Door</b>		
Size of Doors, mm	780 x 1500	
Timber	Finger-jointed pinewood	
Window	Double glazed hexagon	
Lock	With cylinder	
Handle	Wooden	
<b>Benches</b>		
Number of Benches	7	
Number of Sleeping Benches	2	

## WOOD

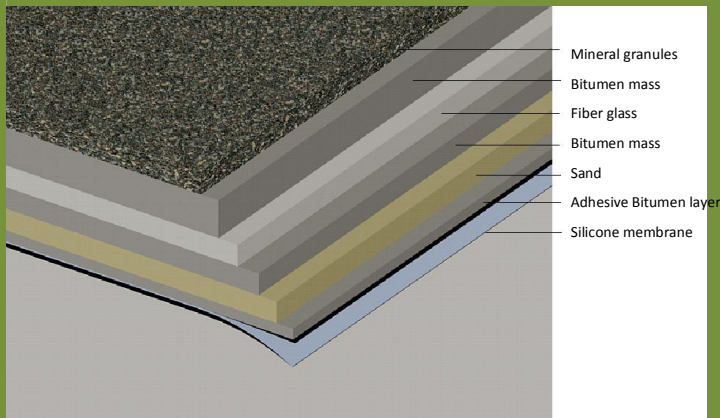
The cozy grill cabin is made from renewable European pines, which are among the most commercially important tree species valued for their timber qualities throughout the world. Pinewood is light with regular texture, appreciated for their pleasant smell. Pines are denser, resinous, and therefore more durable than spruce (Picea). Pine wood is flexible to use, suitable for thermal and chemical modification, and therefore is widely used in construction and furniture industries.

For grill cabin only the best quality of pinewood is being used. The most modern log X-ray and automatic grading technology selects the best raw material. Supplied pinewood is accurately sawn, kilned and graded according to wood features.

## ROOF

For grill cabin roofing SBS modified and fiber glass 120 g/m<sup>2</sup> reinforced bitumen shingles are used. The SBS modification adds flexibility, application strength and durability to the membranes of the shingles. The top layer of the membranes is surfaced with mineral granules. The shade of the granules is obtained from natural materials, therefore extremely long-lasting color of the shingles is guaranteed. The bottom layer of the shingles is coated with adhesive bitumen. On the sun heat, overlapping shingles stick to each other forming a hydro-insulating layer, which ensures excellent leak resistance of the roof.

## The structure of the shingles



Bitumen shingles are also popular because of the following characteristics:

- Durable
- Hermetic
- Flame retardant
- Minimize solar gain (UV protection)
- Prevent from heat loss
- Impervious to rain, snow and hail
- Resistant to wind, frost and moisture
- Resistant to temperature fluctuations
- Maintain long-lasting color
- Insulate from rain and hail noise
- Prevent from mold, lichen and plant growth

Moreover, they are ideal for both new build or refurbishment projects and are suitable for a wide range of surfaces, including metal decking, timber and concrete substrates. Bitumen shingles are known for their high quality and durability and conform to European standard "EN 544 Bitumen shingles with mineral and / or synthetic reinforcements".

During installation, the shingles need to be nailed without removing the protective silicone membrane.

Additional products used for grill cabin roofing: ridge shingles and roll. Ridge shingles contain the same product features as bitumen shingles, only dimensions are different. Shingles roll is being used for fitting the slopes of the rooftops.

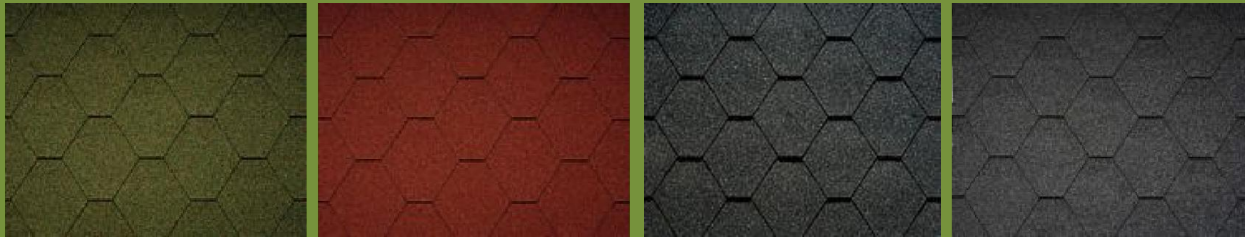
Shingles	Bitumen	Ridge
Dimensions	1 x 0,32 m.	1 x 0,25 m.
Thickness	4 mm	4 mm
Weight	1.0 kg	1.1 kg



### Technical specification

Weight	EN 1849-1	g/m <sup>2</sup>	4500 (± 300)
Bitumen mass	EN 544 clause 6.1	g/m <sup>2</sup>	1550 (± 250)
Flammability	ENV 1187	-	BROOF(t2)
Breaking Force in stretching along	EN 12311-1	N/50 mm	850 (± 250)
Breaking Force in stretching across	EN 12311-1	N/50 mm	550 (± 150)
Nail puncture resistance	EN 12310-1	N	150
Waterproof	EN 544 clause 6.4.1		Yes

#### Available colors:



#### WINDOWS

Grill cabin has double glazed windows which ensure light transmission and minimal heat leakage to the outside. Windows maintain hermetic characteristics and service for a long time. As a decoration element thin wooden cross sticks are attached to the windows on the outside.

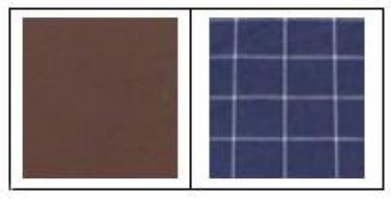
#### DOOR

Grill cabin has a door made from finger-jointed pinewood with a hexagon window. Window provides more light into the cabin and serves as decoration element. The door set consists of a door frame, a door leaf, hexagon window, adjustable hinges, a lock and a wooden handle. Grill Cabin door is firm, made of multi-layer glued pinewood; therefore it does not crack or warp. The door frames are of 65 mm thickness.

#### BBQ GRILL & CHIMNEY

Made from 2 mm cold-rolled steel, BBQ grills are of a great quality and look outstanding. Chimneys are made from 1 mm cold-rolled steel and are durable. BBQ grills and chimneys are painted with heat resistant powder coating, which makes them long-lasting. BBQ grill grids are made from stainless steel. Grill and chimney are easy to assemble, use and care. Grill can be heated with wood or coal. Apart from heating, the food can be grilled, smoked or cooked over the open fire.

#### AVAILABLE CUSHIONS COLORS



#### ACCESSORIES

Grill table protective fence 6-corners, Grill table protective fence for 8-corners grill, 6-corners BBQ Grill cover (table), 8-corners BBQ Grill cover (table), Natural reindeer skin, flower pot, drawer, etc. For more information, please contact "Wood professionals" sales manager.

#### USAGE & MAINTAINANCE

**Location:** For grill cabin to function properly it is very important to choose the right location. To ensure effective fume and smoke extraction, it is recommended to locate the grill house in open area, above the sea level.

**Foundation:** Make sure to prepare good foundation for the grill house. Terrace, cement base, tiles, stones serves well for this purpose. Good foundation ensures stability and durability of the grill cabin. Prepare the base of at least 5 cm height and make sure that there are sufficient air apertures under the cabin floor for ventilation. It is recommended, to have foundation prepared by specialist or at least consulted with ones.

**Cabin maintenance:** Pine wood for its physical characteristics is an ideal raw material for the construction - it is strong and is easy to recycle. It maintains good thermal insulation, prevents condensation and thus creates a healthy indoor climate. However, in order to preserve the beauty and functionality of the cabin, it is necessary to properly look after the timber. On-going maintenance of the wooden grill cabin is essential in order to ensure a long service life.

Maintaining your cabin externally not only preserves its life-span, but also keeps it looking good. Changing weather conditions may change its appearance. Large and small cracks, color tone changes, as well as altering structure of the wood is a result of a natural cause.

Unprotected wood has a lot of enemies and one of them is sunlight. UV rays destroy lignin - an important component of the timber. Wood surface starts yellowing, becomes grayish, cracks and finally peels off. Other wood enemy is moisture. Moisture and temperature fluctuations result in the formation of cracks. The wood may become grayish or it may be obsessed by depleting wood mushrooms. Depleting wood fungi and insects may affect and disrupt important structural part of a wooden house.

In order to ensure long service life of a cabin, it is necessary immediately to process it with wood impregnations. Professionally selected suitable coatings reduce the swelling and shrinkage of the wood. Cabin must be re-painted or re-stained according to manufacturer's instructions of used impregnation agent's. Nevertheless, we recommend inspecting the grill cabin at least once a year.

**BBQ grill usage:** NB! Be very careful while grilling and making fire indoors or in shelters and cabins!

1. In order to assure the safety the grill should be fixed to the floor.
2. When using your grill for the first time, the surfaces of the new product that are in direct contact with the flames may create smoky smell while warming-up, because the paint is drying finally. We advise to keep the door open during the first usage and not to cook until the smell has cleared.
3. The paint used Thermal 400 bears dry heat up to +400 degrees centigrade. The final drying proceeds at the temperature +230 degrees. The paint does not consist of unhealthy compounds and no chemicals hazardous to health are released during heating. Some splitting and burning of the paint is normal, because in the long run the paint does not bear the heat of the flames.
4. When using the grill avoid direct contact with the steel parts of the grill, because there are the risks to burn your hands or other parts of your body. The parts of the grill may have sharp edges, therefore be customarily careful.
5. To start the fireplace put a couple of small, dry birch logs on the fire grate. To get good ember we advise to add some charcoal as well. We suggest using natural materials, starter cubes or a little lighter fluid for lighting the fire. To make it easier and to ensure that the grill is getting enough replacement air, open the damper and, it is advisable, to keep the door open as well. In case the hood gets warmer the draught will be better and then the bigger logs can be added.
6. In order to achieve optimal ember, regulate the ventilation with opening and closing the damper. Choose a non-sparking wood type; avoid using spruce or aspen and wood covered with bark. We advise to use logs with max length 300 mm.
7. Once the embers reach the optimum cooking temperature, you can close the damper a bit. Now the embers will burn slowly over a longer period of time.
8. Sufficient fresh airflow is most essential aspect of smoke exhaustion. At least as much fresh air should come in as goes out with the smoke. If the grill is smoking open the door of the cottage and make sure that the wood is dry or not bark covered. Provide additional dry wood if needed.
9. Remove coals and ashes from the fireplace after they have cooled down.

**TRANSPORTATION (W x L x H)**

1 pallet (1.2 m x 4.5 m x 2.65 m) 2.3 t

**Plan**

Grill Cabin 25m<sup>2</sup> plan

