

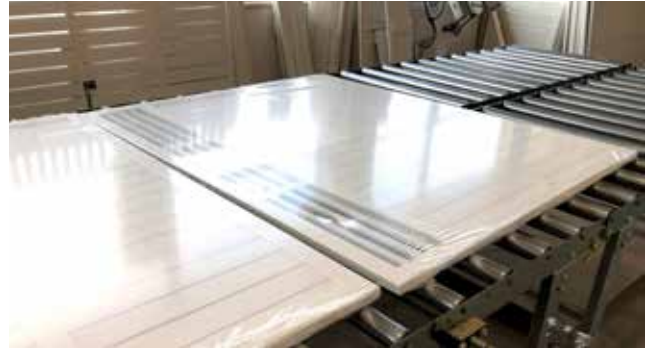
PALMAKO PAINTING



Painted products in drying chamber.

We have invested into modern painting technology that enables us to paint smaller sized garden products like fence panels, posts and furniture. Today we are able to paint the products white and grey, using **flowcoat spray chamber method**. The humidity of the painting room is controlled by a moistening system which aims to create the necessary environment for painting. After painting, the products will dry in a 30 meter long drying chamber, where the whole process of drying can be adjusted and observed.

Products are wrapped after painting into the **heat shrink film**. Shrink wrapping helps our products to be no longer vulnerable to the external damage that can be caused by dust, dirt, or moisture. Shrink wrapped packages are hard to damage and are perfect for transporting. Packages remains attractive and in the best condition when reaching customers.



Fence panels wrapped into the heat shrink film.

PRIMING BEFORE PAINTING

Timber is vulnerable to attack from insects, damp and fungi and needs protection from all of there to extend its service life. Before covering our products with two layers of paint, we prime them with water-based primer.

TINOVA PRIMER EXTERIOR

In order to extend the service life of timber we prime our products with Tinova Primer Exterior water-based primer before painting. It adheres strongly to bare wood, impregnates well into surface and guarantees proper moisture protection to the surface. Primer contains additives against mold and blue stain fungi.

RUBBOL FACADE FLOW

We cover our products with Rubbol Facade Flow paint. It provides a semi-matt, elastic, water and dirt repellent weatherproof film layer. It has good adhesion with the surface, is low odour and quick drying.

We paint our products with two layers of white or grey paint to give extra protection and a nice elegant look.



RAL 9016 - white



RAL 7016 - dark grey

PAINTING VISUAL APPEARANCE

Our products are made of wood which is a natural product with different properties. Painted timber visual appearance is influenced by many factors such as the ways that products hang during painting, what fastenings are being used for hanging, paint dropping, timber texture etc.

Painted products can have **staple marks**, which are caused by labels that are fastened to a product with staple gun before painting. For painting products from all four sides, products hang in the air with help of hanging hooks. Due to hanging our products have **little holes on surface** caused by hanging hooks.



Staple gun marks.



Little holes caused by hanging hooks.

After painting **superfluous paint gathers in drops**, these drops are visible by all painted products on bottom side. They can be gently removed with help of knife.



Paint drops on products.

Since surface of timber is embossed, painting brings out the **unevenness of timber**. One of the most common defects of timber are **knots which are more visible after painting**.



Knots on surface.



Unevenness of timber.

Due to complexity, angular and multifaceted of our products there is a possibility that paint **cannot reach into every single corner**. For example the paint cannot reach little holes that are caused by hanging hooks. Changes in the material due to temperature and humidity might happen which can affect the painted surface. **Resin can be released and be visible through the paint and cracks** in the painted surface might occur. For maintenance please follow the below recommended actions. Some of our painted products are already assembled and ready for use. Other products need assembling, for example picnic-tables. By these products paint has also covered joints so that by assembling these places may be more dense. After assembling painted products meet outdoors different weather conditions like wind, rain, sun etc. Colour differences on a small scale of painted products is allowed.



Paint cannot reach into every single corner.



Resin can be released.

All peculiarities mentioned in this document (staple gun marks, little holes caused by hanging hooks, paint drops, knots on surface, unevenness of timber, paint not reached into corners, resin coming through the paint and cracks, paint in grooves, colour differences on small scale) are not reasons for claims.

If the product needs maintenance due to dirt, cutting, cracks, sunlight fading, yellow spots due to resin from the knots etc., it is recommended to follow these actions:

- If the product has got dirty from the weather conditions, wash gently with a mild washing cleaner suitable for painted surfaces. Do not use pressure cleaner!
- Cut surfaces should be painted with minimum 3 layers.
- Cracks in the paint should be treated immediately to avoid paint peeling off.
- Resin coming through the paint can be removed gently with a brush or sandpaper and then repainted.

Yearly inspection and maintenance and re-painting when needed is recommended. For white painted products use water based paint with color code RAL 9016, for grey painted products color code RAL 7016. Store dry outside away from direct sunlight. Do not store indoor in warm areas.



Paint in a groove of a detail.