



## MAINTENANCE OF InoWood BIO COMPOSITE PROFILES

InoWood BIO composite profiles are made from polymers (mostly PVC) and wood flour. Wood is a natural, organic material with natural colour differences, therefore the colour shades of separate boards may differ due to high content of wood in the composite mixture and surface treatment in production. The colour tone may change when mounting or storing outside. This process is accelerated by rain and UV radiation. Due to the influence of the natural process on weather conditions, the colour stabilizes and colour durability is guaranteed. If you notice colour differences after assembly due to storing the boards outdoors, these differences will even out over time - the shades blend together after they are affected by UV radiation and weather conditions. Unfortunately, we are unable to tell you how long will this process take. Too many individual factors (water, ventilation, solar radiation, rain, dust, air, etc.) play a certain role in this process. There may be a natural colour difference, but this does not mean that the product is of poor quality.

The manufactured profiles gain a static charge during surface treatment which attracts dust and dirt from the atmosphere immediately after mounting, therefore, particularly after the first rain, unevenly drying water leaves drying stains which are washed after the second rain and completely washed away with more rain, and the static charge evens out in the atmosphere. It is recommended to wash them with water after mounting in covered areas or under the roof which do not receive any direct rain, as well as apply a special BIO composite maintenance liquid to the surfaces. Dust, pollen, drink, food or other stains which may appear on the BIO composite profiles due to continuous exposure to atmospheric factors or human activities or simple dirt also does not mean that the product is of poor quality. To prevent contamination without causing permanent damage, you should regularly clean the BIO composite profiles and maintain them to ensure that their aesthetic appearance is preserved for as long as possible.

The BIO composite profiles must be carefully washed immediately after they are mounted by using plenty of water (high water flow) and, if necessary, a soap solution with a soft brush (do not use a metal brush!). Always move the brush in the direction of the board structure when washing the surface and pouring the water. Finally, wash the surface with a high water flow or high pressure cleaner (pressure up to 100 bar, do not use a rotating nozzle) and in the direction of the board structure.

Essentially, the BIO composite profiles must be cleaned three times a year, preferably with a high pressure cleaner, depending on where they are mounted. Frequency of cleaning depends on the location and the environment. If composite profiles are not washed in shaded areas, areas facing the north, humid and other areas, mould or moss may appear on the BIO composite surface. If you notice any mould or mycelium spores on the BIO composite surface, immediately wash the terrace with a diluted chlorine solution.

All you need to do is to carefully wash the BIO composite profiles two times per year with clean water and a soft brush. Avoid abrasives and products that contain acetone, as they may cause colour changes or surface structure damage. Grease, tomato sauce or other similar stains must be removed within 24 hours by washing them with plenty of water and soap. A sanding cloth may also be used if the stains are not removed on time. Since each profile is unique, BIO composite cleaning and care is also unique.

BIO composite expands/shrinks along the board depending on weather conditions, which is necessary to follow our profiles mounting instructions. According to tests carried out by the SKZ Laboratory, the maximum permissible movement (shrinkage/expansion) of the boards is up to 0.5% per running meter.

### BIO Composite stain removal

1. When using a high-pressure cleaning tool (with pressure of up to 100 bar), do not use a rotating nozzle. Wash in one direction according to the plank structure from a minimum distance of 30 cm, move in the direction of the plank grooves, avoid sweeping with a nozzle.
2. When using a solution, pour it onto 3 planks and clean them with a medium-stiff bristle nylon brush or, for large amounts of dirt, use a sanding cloth to clean against corrugation.



3. Leave the profiles with water on them and allow them to dry naturally. The stains will gradually disappear, otherwise, repeat the steps every few weeks by cleaning the profiles once a week as described above (from step 1). Continue the procedure until the water stains disappear.

