

Productinformation

Acryl-coated profiles, fence slats

With SYNTAL – fence system we can satisfy almost anyone's expectations. 14 different colors, thereof 4 with structured surfaces even in combination, different breadths of the laths, different horizontal-geometries, any lengths and a wide variety of cutaway models are available or can be customized.

The plastic-profile exists of an impact-resistant nuclear material, which is permanently coated with acryl-glass. Acryl is considered to be one of the best plastic materials for outdoor use, it is long lasting and UV-stable. The surface is hard and has a silky matt blaze.

Product inspection with various test devices brings outstanding test results in UV-, light-, and color resistance for all standard colors produced by our company. The SKZ-Würzburg (South Germany Plastic Center) provides so-called Examination for White: -test result shows a very good color- and UV-light-resistance for our product. The test was made according to the plastic-window-norm.

Advantages:

- High light-, UV- and color resistance
- Definitely weather resistant
- Low- maintenance
- No splintering, no injury risk
- Graffiti easily removable
- Resistant against humidity, salt, oil, alcohol, grease and many acids and lye. Conditional resistant against solvents and acetone

Already made-up fence-slats, accessories

Fence slats, which are already made-up by us have at each slat one colored round-cut, straight-cut or pult (?) -cut ending. In addition sharp chopped edges are already burred. We don't deliver the slats pre-bored so that an ideal fitting on the existing rail is possible. Pre-existing under-structures like posts or cross-bolts can be often retained. We afford powder-coated aluminum square-bolts-profiles, steel screws, posts to concrete in and post blending (post mock-ups) to screw on and other accessories, if required.

Self-build

To build the fence construction completely by yourself we offer long profiles (approx. 400 cm per rod). The ends of these long profiles have to be cut approx. 10mm from the edges. The material can be worked with regular woodworking-machines and hardened tools (saws, milling, drills, look p.33)

For optical reasons we advise to color the chopped surfaces with a polymer-paint, which can be obtained from us. Color shades are similar to the external coating.

Processing-advices and general information

The specific weight of this plastic lies within of the hardwood weight. Attention has to be paid to the span between fence posts or to the balcony shades (heavier!). Advisable spans for example at a fence-height of 80-100 cm are approx. 180 – 200 cm. At higher fences it's sensible to use a third square-bolt. While using our profiles for example as a balcony-covering you have to consider the build- and safety rules, which could be regional different. This concerns especially the sub-construction, which is provided by customer. Hereupon our plastic-profiles should be screwed on with at least 6 mm-screws and be saved with nuts. Plastic materials in general change in length from cold and heat (dark colors more than bright). For example balcony-handrails and square-blending should be built in a fragmented way. Slots and major hole-drillings can be introduced constructive too. Length-size tolerance at e.g. White are approx. 0,5% and at Brown or Moss-green approx. 0,8%.

Plastic profiles should not lie uncovered, loose or be installed in the blazing sun because they can distort. Besides this they heat up and can be scratched. We advise processing in shadow.

In general: Little color-aberrance, geometry-aberrance in measures, in flatness of the surfaces and in corner shaping are consequences of production conditions and not conditional for complaint. This also applies to specks, small waves and folds in the surface. The structural lines of profiles with a structured surface are a result from manufacture and cannot be readily influenced that's why the surfaces aren't regular. So deviations aren't conditional for complaint.

The SYNTAL Acryl-profiles are easy to take care of. In case of defilement (street pollution, oil, fat, road salt, acid rain, moss, etc.), neutral soap, brush and warm water can be used for cleaning. For persistent dirt special detergent for plastics can be used (attention: do not use solvents!). We will always be happy to provide consultation. In general polishing agents aren't convenient, because the surfaces would get matt and could be scratched.

Our plastic-material and colorants are environmentally neutral, harmless to people and animals. They don't have any steel-reinforcement and can be recycled and reused in our own production cycles. Plastics begin to burn after a long exposure to fire. We don't use fire retardants.