



Information and Processing Advice for Plastic Profiles

Dear Customer,

many thanks for choosing one of our products. As with all materials, plastics have special properties which need to be taken into consideration during their processing, handling and maintenance.

The original properties of plastics change with changing temperatures. They can, for example, become brittle or fragile at extremely low temperatures. They can become very soft at extremely high temperatures, meaning that it becomes difficult or even impossible to process them for their intended application. The ambient temperature can also have an effect on the manufactured dimensions. The visual appearance, amongst other things, can also change as a result of certain environmental influences and strong UV radiation.

It is therefore very important to adhere to the correct storage conditions - wherever possible at a constant temperature between 18 and 22 degrees Celsius. With K profiles, the adhesion between the cover foil and the butyl increases with increasing storage duration

Leave to adjust to room temperature for 24 hours prior to processing.

Plastic surfaces are scratch and pressure-sensitive. This is especially true of highly-refined surfaces such as decors and gloss profiles. Therefore handle with care and do not use any sharp objects during processing. Remove carefully - remove from above and do not pull out.

Due to the many possible applications and the diverse demands of our customers, it is imperative that you test the technical suitability of any auxiliary or ancillary materials such as adhesives, detergents, lubricants etc. intended to be used in your application prior to use. It is often the case that for reasons of patent protection etc., we are not aware of the exact intended application of the profile or the loads to which it will be subjected. In such cases we are especially reliant on your own in-house tests.

Our colour concentrates (master-batches) have a high degree of light fastness of 7 to 8. The PVC compounds that we use are UV resistant and suitable for outdoor applications. Please note here that these values are indeed certified, but, however, under laboratory conditions. In individual cases and under extreme exposure (e.g. coastal applications with salt water and fine sand in the atmosphere, in hairdressing salons, industrial kitchens, winter-stabling livestock installations on or close to agricultural operations), changes can occur that are material-dependent and that do not constitute warranty claims. This also includes profile deformation with soft plastics, which result from type of packaging. These deformations can be eliminated by heating the profiles to 50 to 55°C, e.g. in a water bath or via hot air.

*Source: PVC Pocket Guide ISBN. 13: 978-3446-40380-2, Carl Hansen Verlag Munich, Germany

Our technical consultants are looking forward to support you and your project.

Once our profiles have been installed, please ensure that the maintenance of these profiles are included in your operating- and/or assembly and maintenance manuals.

We recommend testing the compatibility of any detergents, care products or polishes prior to use on inconspicuous areas.

The following materials damage the plastics and may not be used: acetone and other solvents, chlorine-based detergents and strong vinegar-based detergents.

Mild soap-based detergents such as household detergents are suitable.

We cannot consider any warranty claims arising from non-compliance or improper use.

Should you, however, have any cause for complaint, please provide us with our article number and the date of manufacture (found on the label on the roll or carton). Only in this case can we analyse any potential faults arising and resolve the issue.

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