

Rules for the removability of adhesive labels in use of alkaline-soluble glue

adhesive labels store optimally under condition of 20-23°C and by a relativ humidity from 45% - 55%. These are ideally climate conditions for the labeling as well.

Wetness / humidity, and also UV radiation absolutely need to be avoid, to maintain the characteristics of the glue.

The following aspects have an influence on the removability:

1. Coverage of the printing colours, protective varnish and finishing by using embellishment foil. The above-mentioned components seal the surface and complicate the penetration of the alkaline into the paper fiber to detach the glue. The higher the proportion of the components, the harder the subsequent removability. Optimal case is a completely sacrificing of varnish, print colours as halftone screen and a small proportion of finishing foils.
2. Bottle rinsing
For a residue-free detaching of the label, the manufacturer prescribes an alkaline-soluble with at least 1,5% by a temperature of 80-85°C. A higher alkaline concentration or higher temperatures may adversely affect the detachability.
3. Storage of used bottles
Requirement for the detach removability ability of adhesive labels from waste glass is an appropriate storage. This must be into a dry environment under warranty of protection of atmospheric influences like sun, rain and snow. These influences reverse the effect of this special glue and it becomes permanent glue. A residue-free removing will not be possible anymore.

Warranties:

The manufacturer of the adhesive bond guarantees a good adhesion of the glues in case of an optimal storage within 24 months.

A washability by the use of alkaline-soluble glues „WLA“ may, due to the many influencing factors, not be guaranteed by the manufacturer or by us!

Please feel free to contact us for any questions.