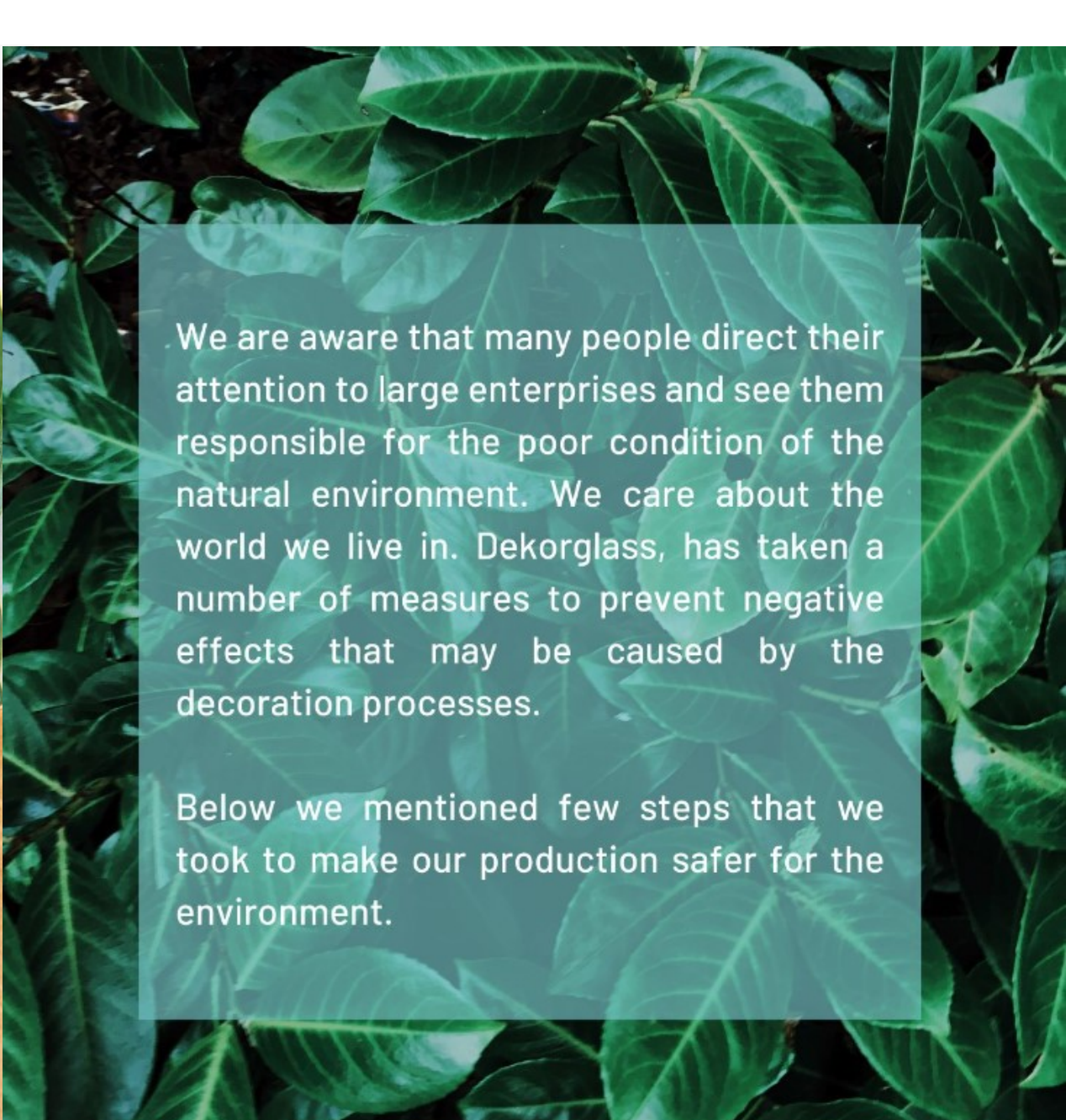




Environmental Protection in Dekorglass



We are aware that many people direct their attention to large enterprises and see them responsible for the poor condition of the natural environment. We care about the world we live in. Dekorglass, has taken a number of measures to prevent negative effects that may be caused by the decoration processes.

Below we mentioned few steps that we took to make our production safer for the environment.



INKJET

All materials used for this technique have so called characteristic cards. Those are the documents that contain the description of possible threats each substance can cause and how to protect against them.



SCREEN PRINTING / HOT STAMPING

Whole post-production material is being recycled, with the special attention paid to precious metals. Special containers located on the production line store the production waste. They are forwarded to external company that has all permits and approvals for the recovery of precious metals from waste.



LASER ETCHING

The production line is equipped with special filters that purify the air during the entire process. Whole dust is being stored away and recycled. After the process, we are able to reclaim silver that was etched during decoration.



COATING

For this type of decoration the coagulation process is used to treat wastewater. After applying the appropriate dose of coagulants, impurities such as dyes or pigments precipitate out in the form of a sludge and clean water is drained into the city collector.



METALLIZATION

To purify the water of all hazardous pollutants, we have installed a special device for the treatment of industrial wastewater. The metallization produces a sludge waste containing silver, which is then sent to the external company for recycling.



ACID ETCHING

A side effect of acid etching is the formation of harmful wastewater. Our plant has invested in a special treatment plant that uses membrane and sorption techniques. The two most important steps are microfiltration and reverse osmosis.