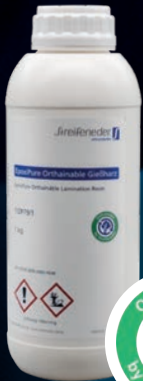
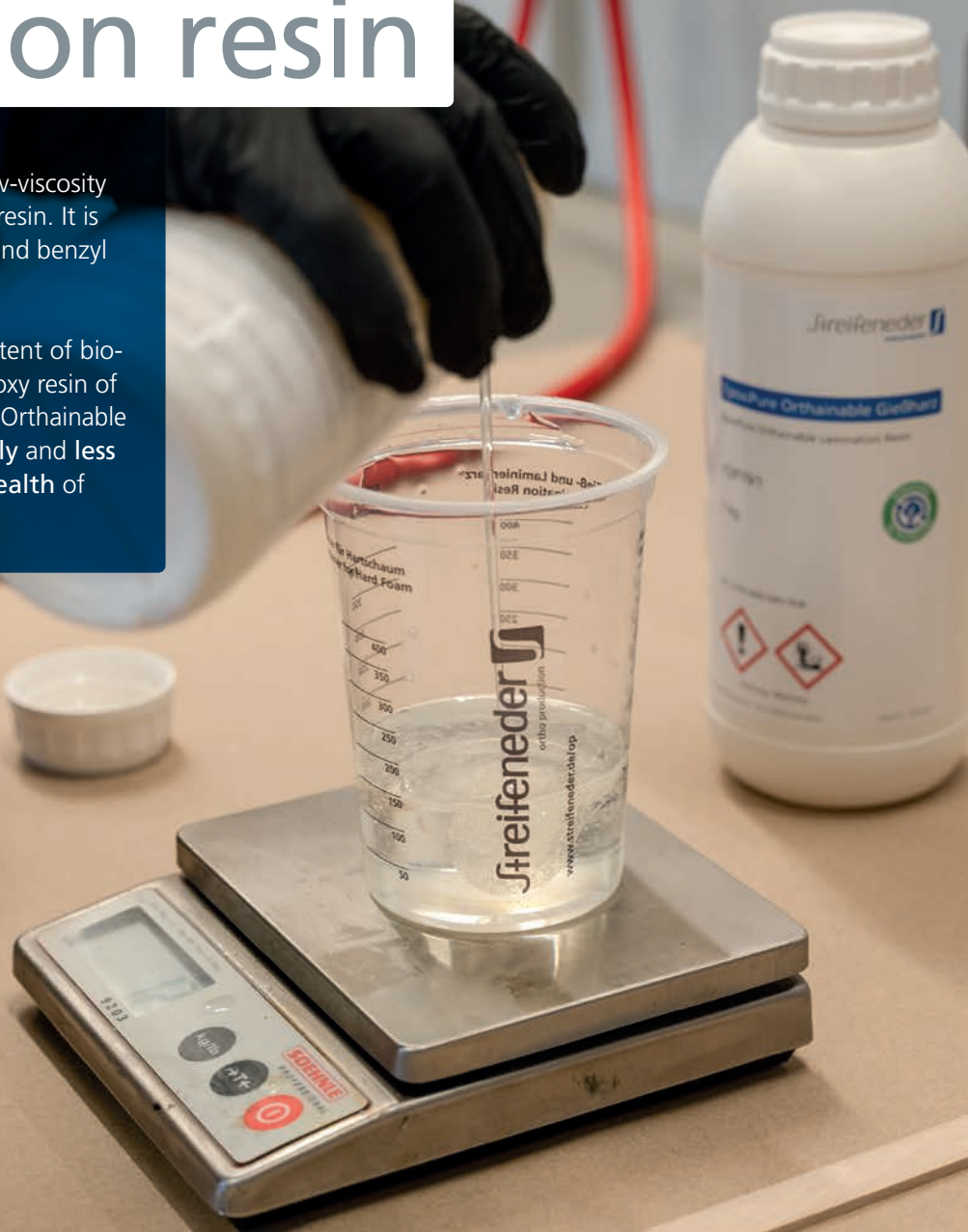


EpoxiPure Orthainable lamination resin



EpoxiPure Orthainable is a low-viscosity and transparent lamination resin. It is free from solvents, phenol and benzyl alcohol.

With a particularly high content of bio-based carbon in the epoxy resin of 31.46 %, EpoxiPure Orthainable is resource-friendly and less harmful to the health of technicians.



Areas of application

EpoxiPure Orthainable lamination resin is suitable for infusion and vacuum processes, impregnation and hand lamination. The lamination resin rinses around and wets the reinforcement particularly well. It is compatible with all Streifeneder reinforcement materials, is easy to de-aerate and produces bubble-free construction parts.

Processing tips

EpoxiPure Orthainable lamination resin is processed in the same way as EpoxiPure lamination resin.

Mixing: Mix resin and hardener in a mixing ratio of 10:4 in a clean cup with a wooden spatula - for at least 3 minutes.

Time factor: After mixing resin and hardener, a processing time (pot life) of approx. 45 minutes remains, depending on the ambient temperature and the amount of resin used.

Hardening (standard):

- Demouldable after 10 hours at 23 °C room temperature and negative pressure
- Pre-tempering for 1 hour at 60 °C
- Final tempering for 1 hour at 100 °C for stress-free final hardness

Rapid hardening:

- After processing: under negative pressure for 2.5 hours at 60 °C for optimum grinding
- Final hardening for 1 hour at 100 °C

Good to know

- A thin nylon stockinette (95P2) between the reinforcement layers and the PVA film guarantees direct transport of the resin into the first/last layers.
- Absorbent layers such as Perlon stockinette are not necessary.
- The resin does not overheat during curing: insulations remain in place.
- No gas bubbles form on the surface due to cold hardening.
- Accumulations of resin should be avoided and excess resin should be smoothed out.



Orthainable: for people and the environment

Our new label for a more sustainable option: Orthainable identifies products, materials and services that are more environmentally friendly and less harmful to health during processing than comparable alternatives.



Content	Item-no.
1.0 kg	112P79/1
5.0 kg	112P79/5