

Röchling TroBloc Wall Cladding Elements Working Directions



Storage

TroBloc Pallets have to be stored apart, not stacked. Single sheets must be stored flat.

TroBloc sheet should be conditioned within the construction site at least 24 hours prior installation at room temperature (approx. 20°C/rel. humidity 50%). Depending on the field of application, the working temperature of 60°C should not exceed.

Protective Foil

TroBloc sheet is supplied with a protective cladding on its face (indoor usage only) which should be removed after installation.

Machining

TroBloc can be machined with all the standard tooling which is used to process wood and light metals (drilling, sawing and milling.) The choice of correct tools and cutting conditions is highly decisive to get good results. Commonly recommended is a high cutting speed at low feed rate and necessary good swarf removing.

TroBloc is not designed for processing by punching tools and punching cutters.

Non-cutting shaping

TroBloc sheets can be warm-bended at a processing temperature of approx 130-140°C. The bending angle is limited to 90° and trials are recommended for further angles. **TroBloc** has to be heated from the reverse side. Heating of the face side may cause an injury of the scratch resistant surface. It is recommended to carry out trials with the available heating and bending machinery.

Bonding

TroBloc sheets can be bended on the reverse side using suitable adhesives. The substrate has to be flat and smooth and it must be prepared for the bonding process. In general **TroBloc** can be bonded to different substrates e.g. wood, metal, plasterboard and different types of brick walls. Different thermal expansions have to be considered and allowances for expansion joints has to be made.

Instructions for use, processing directives, products - or performance indications, as well as other technical statements are general guidelines provided by the manufacturer. Due to the variety of application purposes for each product, and different conditions (e.g. processing parameters, material properties, etc.), it is recommended that the user has to carry out his own individual qualifying tests.

Dotmar and Röchling can be contacted for applications and technical advice.