

## Trovidur® EC-Clad Wall-Cladding Elements

### STORAGE:

**Trovidur® EC-Clad** pallets have to be stored apart not stacked. Single sheets must be stored flat.

**Trovidur® EC-Clad** sheets 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 it has to be considered that the working temperature of 60°C will not exceeded.

### PROTECTIVE FOIL:

**Trovidur® EC-Clad** sheets are supplied with a protective foil on its face (indoor usage only) which should be removed after installation.

### MACHINING:

**Trovidur® EC-Clad** can be machined in general with all tooling which is used to process wood and light metal for example by drilling, sawing and milling. The choice of correct tools and right 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. **Trovidur® EC-Clad** is not specially designed for processing by punching tools and punching cutters.

### NON-CUTTING SHAPING:

**Trovidur® EC-Clad** sheets can be warm-bended in its thermo elastic range, maximum processing temperature approx. 130-140°C. The bending angle is limited at 90°, trials are recommended for further angles.

**Trovidur® EC-Clad** has to be heated from the reverse side. Heating of the face side may cause an injury of the surface. It is recommendable to carry out trials with the available heating and bending machinery.

### BONDING:

**Trovidur® EC-Clad** is bondable at the reverse side. It is required to use suitable adhesives. We recommend using permanently elastic 2K PUR reaction adhesive. The substrate has to be flat and smooth and it must be prepared for the bonding process. In general **Trovidur® EC-Clad** can be bonded to different substrates e. g. such as wood, metal, plasterboard and different types of brick walls. Different thermal expansions have to be considered and expansion joints need to be given.



*Our instructions for use, processing directives, product- or performance indications, as well as other technical statements are only general guidelines; they only describe the nature of our products (determined value at the production time) and their performance, but they give no guarantee in accordance with paragraph 443 of the BGB (Civil Code). Due to the variety of application purposes for each product, and due to a lot of different particular conditions (e. g. processing parameters, material properties, etc.), the user has to carry out his own individual qualifying tests. Our consultation in application technique, verbal and in writing, as well as with tests, is offered free of charge and is not legally binding.*

These documents replace former issues