



**THERMOVAC**  
PLASTICS LIMITED



**RÖCHLING**

## **Trovidur® Astrawood-Cool** **As cool as a door can be**

### **Trovidur® Astrawood-Cool**

**Astrawood-Cool** is a range of **Trovidur® PVC sheets** laminated with a unique and exclusive semi rigid PVC based foil especially developed for the manufacturing of external doors. This foil is weatherable, durable and incorporates **Astrawood-Cool** pigmentation technology and exactly matches current wood grain foils utilised in window profile, roof line and conservatory applications.

These products exhibit a comprehensive technical advantage over products currently being used and offered into the fabricated door market:

- Very high hot & cold, impact and crack resistance
- Minimised heat absorption (NIR activity)
- Superior scratch and abrasion resistance
- Extraordinary foil thickness
- Highly weatherable
- Embossed finish
- Retention of embossing
- Exact match to window and door frame
- DIN EN ISO 9001:2008 CERTIFICATE
- External independent auditing

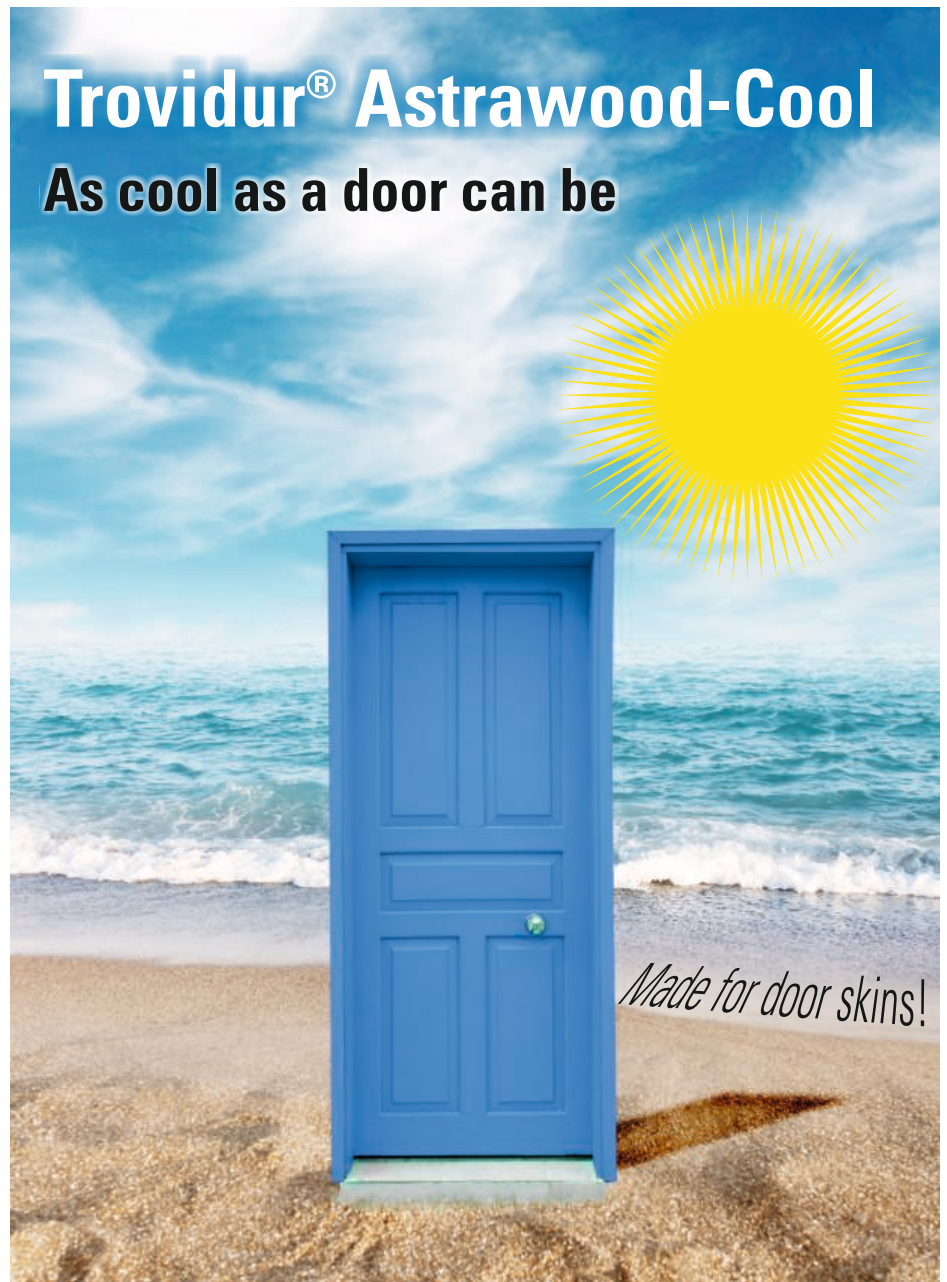
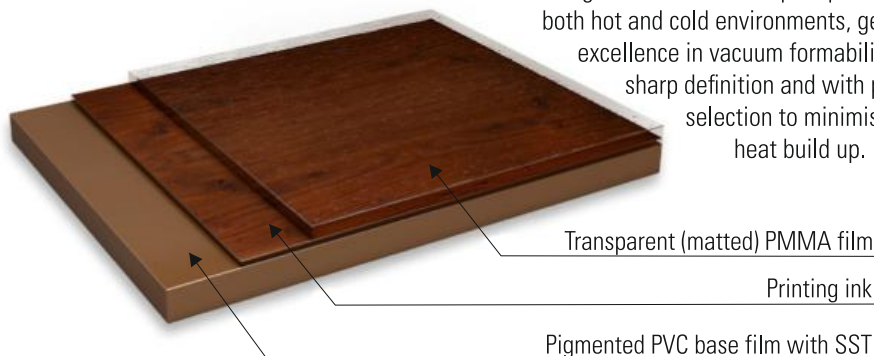


Diagram showing the structure of the exterior film  
**RENOLIT EXOFOL MT**



### **Composition**

The composition of the rigid **PVC** substrate is designed to maximize impact performance in both hot and cold environments, generate excellence in vacuum formability with sharp definition and with pigmentation selection to minimise potential heat build up.

The foils specified as used in the **Astrawood-Cool** sheet range are manufactured in Germany, with more than 30 years' experience with exterior films.

**Trovidur® Astrawood-Cool** sheets are using infrared light reflective pigments in the decorative film and the substrate to minimize the heat build up. All films are proofed according to Quality and Test Requirement RAL-GZ 716, all films are in accordance to the artificial heat built up test which was established in April 2014.

### **Röchling Engineering Plastics SE & Co. KG**

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## Trovidur® Astrawood-Cool

### As cool as a door can be

#### Foil Lamination

The decorative foils are laminated onto the PVC substrate during the extrusion process and produce a homogeneous permanent bond between the substrate and decorative foil.

#### Embossed finish

All Astrawood-Cool sheets are supplied with an embossing which exactly matches the equivalent wood grain foil present on window profile and roof line profile. This embossing effect is both visible to the eye and evident by feel.

#### Retention of Embossing

One additional significant advantage of the Astrawood-Cool range is that the embossing is retained AFTER vacuum forming;

#### Decors and Dimensions

Astrawood-Cool is available in a variety of wooden decors, but as well in a range of plain colours. Please see below an extraction of the delivery program, other colours are available upon request. Typical sheet sizes are 2010 x 860 x 1,5 mm and 2200 x 975x1,5 mm, please send us your inquiry.



**Astrawood-Cool** sheets are supplied with an embossing which exactly matches the equivalent wood grain foil present on frame profile

**Astrawood-Cool** is available in a variety of **wooden decors** and **colours**



Our distribution partner in the UK

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