

Production of a pattern plate

RAKU[®] TOOL WB-1258 Working Board



Case Study



Objective

Production of a pattern plate for the manufacture of a fan housing



Production Process: Pattern Plate (lower / upper part)

1. Machining of the model from RAKU[®] TOOL WB-1258
2. Assembly / mounting of models on hardwood base plate
3. Assembly of gating system



Customer

Promotec GmbH, Velbert, Germany

RAKU[®] TOOL WB-1258

- Very high abrasion resistance with high dimensional stability and accuracy
- For large series production: > 100,000 replications
- Minimal sand adhesion
- Color matched adhesive
- Excellent impact resistance and edge strength
- Excellent resistance to chemicals, no swelling
- Save the planet! This board is produced using eco-friendly recycling polyol

Key advantages

- Fast and high-precision production of models through direct milling from CAD data
- Limited handling of liquid systems (adhesive)
- Quick and easy modifications
- Cost savings in comparison to metal or face cast pattern plates

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