

Papierfabrik Adolf Jass GmbH
Project Schwarza PM1
Germany



A greenfield testliner and fluting mill with a production capacity of 400 000 t/a.

PÖYRY SERVICES

- engineering management
- time scheduling
- process engineering
- mechanical and piping engineering
- HVAC engineering
- electrical engineering
- process control engineering
- engineering tools: 3D Model, ProElina, WebPub
- assistance in erection supervision
- assistance in commissioning and start-up

Schedule

Started up in the middle of February 2005. Project implementation time 14 months from construction start to start-up

TECHNICAL DATA

Product

Testliner and fluting in the grammage range 75-125 g/m²

Raw material

Waste paper

Stock preparation

- one line
- production capacity 1300 BDt/d
- supplier: Voith Paper Fiber Systems

Paper machine

- PM1 supplier: Voith Paper
- production capacity 400 000 t/a
- furnish 100 % recycled pulp
- production speed 1400 m/min
- design speed 1500 m/min
- wire width 8250 mm
- trim width after winder 7500 mm

Winders

- 1 winder VariFlex L, supplier: Voith Paper Krefeld

Effluent treatment system

- 1 flotation cell, supplier: Meri
- external post-treatment in a joint treatment plant

Automation

- main supplier for process and machine control: ABB
- installation: Penta

Electrification

- main supplier for electrical equipment: AREVA/ABB
- installation: SAG

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