

ANALYSIS AND OPTIMISATION – THE DATUM



On site consultation

ROTHO meets the increasing requirements for consultation services, not only by considering the optimum operation of existing dryers but also by regarding the well-founded design of new plants.

Objective:

- Improvement of product quality
- Reduction of energy consumption
- Performance increase

Additionally to the necessary ceramic knowledge of raw material suitability and the advantages and disadvantages of aeration and heating systems, the ROTHO team also possesses the practical experience in the production of roof tiles, clay blocks and facing bricks.

Objectives of our consultation are:

- Evaluation of raw material
- Optimization of raw material mixtures
- Preparation of achievable drying curves in the mobile test dryer
- Measurement of airflow profiles in the dryer cross section
- Running of new drying curves at the operating dryer
- Preparation of energy and mass balances
- Reporting of improvements potentials at existing plants
- Selection of the optimum drying system for new plants

