

- HEATING
- INSULATION
- MEASURING
- FIRING & MELTING



DIN EN ISO 9001
Zertifikat Nr. 71 100 G 016

M.E.SCHUPP® - ULTRABOARD & ULTRAVAC

High Fibrous Insulation Boards & Cylinders up to 1,850°C



UltraBoard



UltraVac

Introduction

M.E.SCHUPP®-UltraBoards and UltraVacs are rigid high temperature fibrous insulating materials made out of polycrystalline alumina fibre and special inorganic fibres and binders (also available as prefired boards). As they have high flexural strength under high temperature, are light in weight and strong against thermal shock, they are suitable as an insulation material for fast heating and cooling condition such as high temperature electric furnace lining. Additional characteristics are:

- low thermal conductivity
- good machinability (homogeneous structure)
- excellent spalling resistance in rapid heating
- very good high-temperature-resistance
- low heating-storage
- excellent thermal shock resistance

UltraBoards and UltraVacs have been very widely used in heat processing equipment in the manufacture of various technical ceramics, PM and electronic parts. Keeping abreast of demands for not only larger diameters and sizes but also complicated shapes, our ability to meet precise custom designs & specifications has been significantly enhanced through the use of today's most advanced machine tools, giving more freedom to the design of heating equipment.

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HIGH TEMPERATURE TECHNOLOGY