

- HEATING
- INSULATION
- MEASURING
- FIRING & MELTING



DIN EN ISO 9001  
Zertifikat Nr. 71 100 G 016



## M.E.SCHUPP® - ITM-FIBERMAX®

High Alumina Fibre Blankets & Mats to 1,600°C

### Introduction

ITM-FIBERMAX® Blankets and Mats are high temperature, light weight and flexible products manufactured from polycrystalline mullite fiber that can be exposed to temperatures up to 1600°C.

They contain no organic binders or other additives which cause outgassing fumes or associated problems. In addition to exhibiting excellent resistance to attack from most corrosive agents, ITM-FIBERMAX® also resists oxidation and reduction. They are almost free from shot (unfiberized) particles. That makes it ideal for ITM-FIBERMAX® Blanket and Mat to be used in environment where presence of shot is undesirable.

The Blanket possesses outstanding handling strength and resiliency at elevated temperature afforded by its mineral composition and unique needling process to interlock fibers in blanket.

Additional characteristics are:

- excellent thermal stability and thermal shock resistance
- excellent chemical stability
- excellent tensile strength
- low thermal conductivity
- low heat storage
- high heat reflectance
- excellent corrosion resistance
- excellent hot strength



We supply a standard bulk fiber for low shrinkage (O-Type) and a high strength fiber with high resistance (T-Type). The O-Type is packed in a 5kg box and the T-Type is packed in a 10kg box. Also available is an engineered fiber of ITM-FIBERMAX®. Please ask for details.

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HIGH TEMPERATURE TECHNOLOGY