



# Datasheet

## MSS02/060 – WDS Ultra Microporous Board

ENGLISH

### Description

WDS Ultra is a microporous insulation material which has an extremely low thermal conductivity coefficient giving it very good insulating properties.

WDS is not flammable and meets the requirements according to DIN EN 13501-1 for fire protection class A1

### Restrictions on Applications

WDS Ultra has a porous surface therefore it is sensitive to all liquids that can wet it; this includes substances such as water, oil and petroleum spirit, since they can destroy the pore structure.

### Thermal Shock Resistance

WDS Ultra is insensitive to high and low temperature thermal shocks.

### Safety directions

WDS Ultra is not a hazardous substance according to the EU Directive 2006/1907/EEC. The fibres used for mechanical reinforcement have a diameter of 5µm; therefore they are not respirable (in accordance to the WHO definition) WDS Ultra does not use any dangerous decomposition and according to current knowledge, it does not cause any problems to human health or the environment.

### Composition

Silicon dioxide	SiO <sub>2</sub>	approx. 80%
Silicon carbide	SiC	approx. 15%
Other		approx. 5%