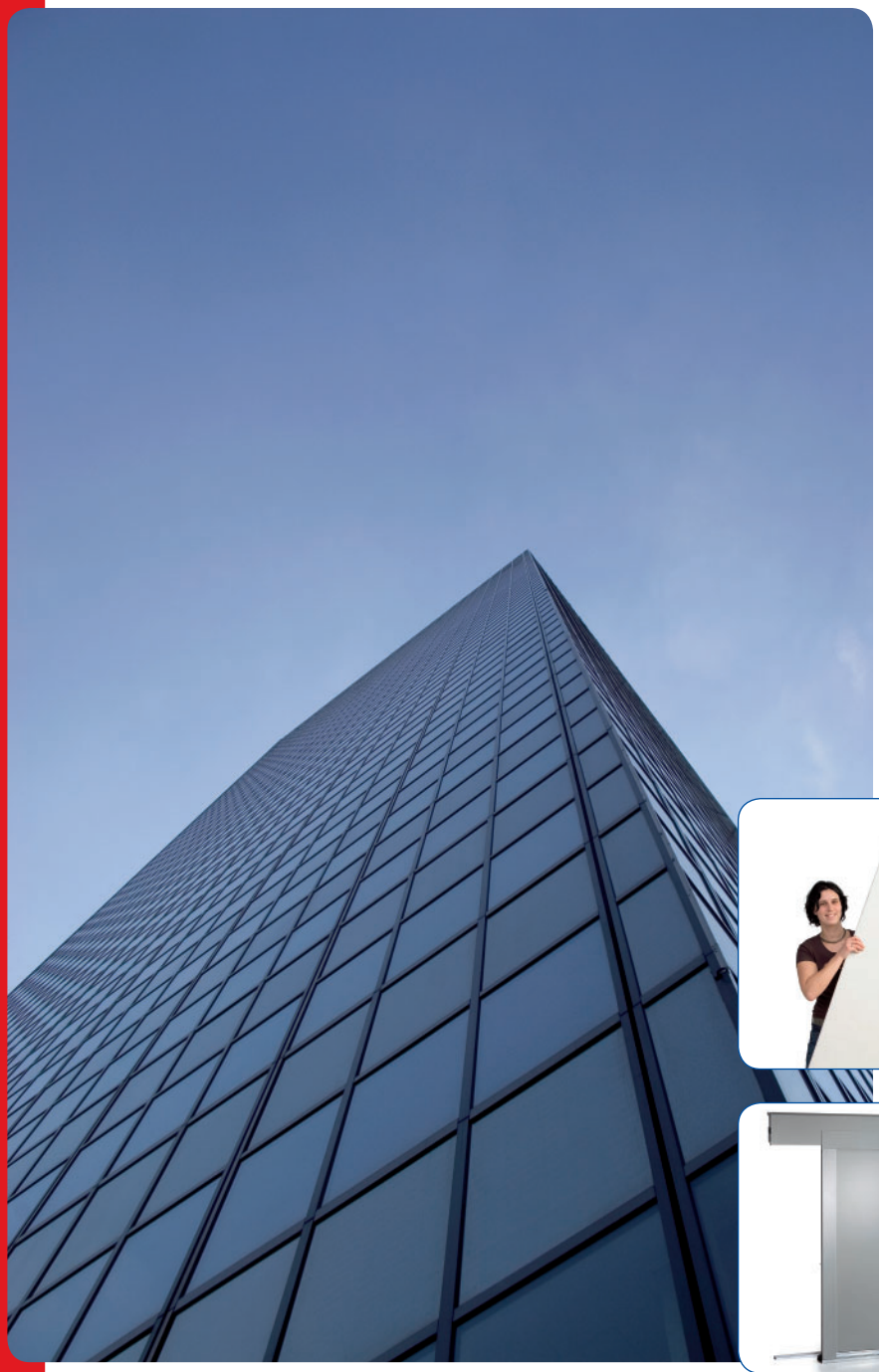
MICROTHERM
THERMAL INSULATION SOLUTIONS

Microtherm® Slim&Light
Lightweight high temperature fire stop panels for slim line fire doors



Microtherm® Slim&Light is a thin lightweight panel of ultra - high performance microporous thermal insulation. It is a highly efficient barrier to flame and heat.

Microtherm® Slim&Light allows the design and fast assembly of thin, high efficiency lift fire doors.

In a fire, stay cool with guaranteed fire security from **Microtherm®**.

Benefits

- **Microtherm®** Slim&Light is available as a single large panel - no heat leakage through butt joints.
- This single fire resistant panel also aids fast, simple door assembly.
- The fire stopping efficiency of **Microtherm®** ensures the thinnest and lightest door construction.
- **Microtherm®** Slim&Light is non-combustible.
- **Microtherm®** Slim&Light is environmentally friendly with no respirable fibres.

Microtherm® products are widely used in passive fire protection in buildings and all forms of passenger transport. Our aim is your total safety and comfort.

Microtherm is a world leader for thermal insulation solutions • info@microthermgroup.com • www.microthermgroup.com

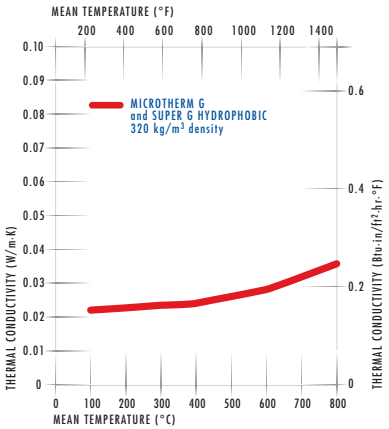
MICROTHERM
THERMAL INSULATION SOLUTIONS

Microtherm® Slim&Light

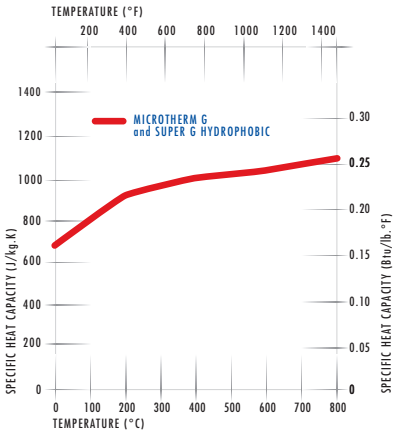
Lightweight panels that block heat and flame for slim line fire doors

TYPICAL PRODUCT CHARACTERISTICS

Thermal Conductivity



Specific Heat Capacity



Performance

Comfortably maintains thermal performance and integrity through full 2 hour fire exposure on lift doors.

Panels available for A60, A90, and A120 ratings.

Enables thermal performance compliance to buildings/fire door regulations EN 1363-1 and EN 1364-1. Testing to EN 81-58:2003 "Fire resistance testing of lift landing doors".

Size availability

Standard panel lengths up to 2,300 mm.
Standard panel widths up to 500 mm.

Thickness 15 - 30 mm according to rating.

Please contact our Sales Office for all enquiries for wider panels.

Manufacturing Tolerances

Tolerance on panel length dimension
- ± 3 mm (1/8") for panel lengths ≤ 1.6 m (5' 3")
- ± 6 mm (1/4") for panel lengths > 1.6 m (5' 3")
- ± 6 mm (1/4") for circular panels

Tolerance on panel width dimension
- ± 3 mm (1/8") for panel widths < 1.6 m (5' 3")
- ± 6 mm (1/4") for circular panels

Tolerance on panel thickness
- ± 0.5 mm (0.02") for panel thickness ≤ 10 mm (≤ 3/8")
- ± 0.8 mm (0.03") for panel thickness 10.1 - 30 mm (3/8" - 1 1/8")
- ± 1.5 mm (0.06") for panel thickness 30.1 - 50 mm (1 1/8" - 2.0)
- ± 2 mm (0.08") for panel thickness > 50 mm (> 2.0")

Typical values

Performance values quoted are measured test results based on specimen doors manufactured using typical products.

www.microthermgroup.com

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