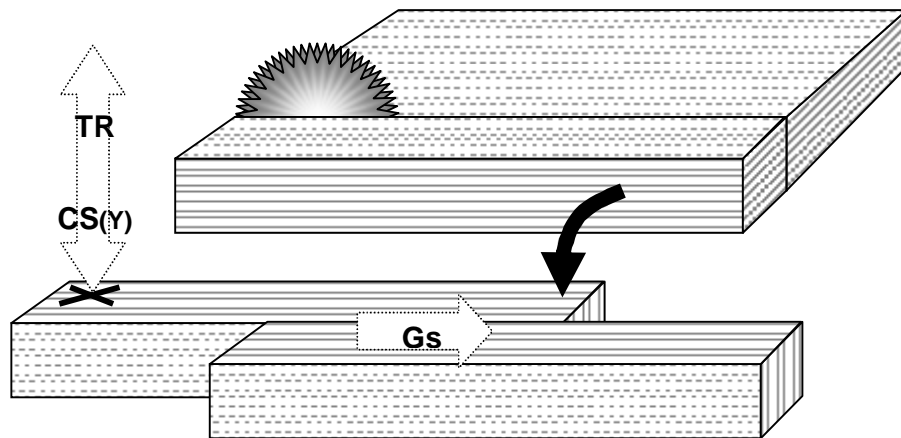


ROCKWOOL®

F I R E S A F E I N S U L A T I O N

SANDWICH PANEL

DATASHEET



SPANROCK M

A1 - slab for high performance lamellas
Recommended for wall and facade SWP

ROCKWOOL^â

Product highlights

- ✓ best EU class A1
- ✓ non combustible
- ✓ for A2-s1d0 SWP
- ✓ thermal insulation
- ✓ sound absorbing
- ✓ high stiffness
- ✓ for industrial use
- ✓ easy to cut
- ✓ recyclable
- ✓ CE conform

Requests:



www.rockwool.com
rsp@rockwool.com

A1 - slab for high performance lamellas
Recommended for wall and facade SWP

SPANROCK M

range of dimensions for slabs

thickness (mm)	80-120
length x width (mm)	[1200-2400] x [1000]

- Customized dimension and tolerances on request

fire properties

	sign	description	norms
combustibility	A1	Euroclass	EN 13501
smoke or droplet class	no	Euroclass	EN 13501
calorific value	< 2 MJ/kg	limit for A1	EN 13501
fire resistance	> 1000° C	melting point	DIN 4102

physical properties ⁽¹⁾

	sign	unit	value
compression strength EN 826	CS _(Y)	kN/m ²	≥ 70
shear strength EN 12090	G _S	kN/m ²	≥ 60
tensile strength EN 1607	TR	kN/m ²	≥ 100
lambda declared EN 13162	l _D	W/(mK)	< 0,042

- Modulus values on request

Application

SPANROCK M slabs are designed for precise accurate cutting of lamellas providing an A1 core material for sandwich panels (SWP) and other multi layer systems. After turning through 90° these lamellas provide a stiff and resilient insulation core, ideally suited for ...

“external wall and facade“ SWPs.

The contact face of the cut lamellas must be smooth and free of dust prior to surface bonding ⁽²⁾.

During the sandwich panel production any compression of the stonewool core must be limited to a maximum of around 1% of the core thickness.

Span and load calculations with SWP are almost based on the mechanical results of the finished sandwich panels measured in accordance to existing standards and recommendations.

Keep these products dry before using.

- (1) The strengths are minimum values and tested for 100 mm thick lamellas in accordance to the EN standards. Given properties can vary with other lamella thicknesses. Size of compression/tensile samples ≥ 200 x 200 mm. Note! All declared physical properties for the lamellas are valid for just one cutting direction from the boards.
- (2) Please pay attention to the recommendations of the adhesive suppliers and their datasheets.