

ROLL/PANEL METISSE MT+/RT+

THE PERFECT COMPROMISE BETWEEN THERMAL AND ACOUSTIC COMFORT UNIQUE QUICK INSTALLATION

The **Métisse® roll** is especially suitable for rampant and crossed layer installation. Its excellent thermal insulation coefficient makes it possible to optimise insulation in eaves, lofts or floors.

The **semi-rigid Métisse® panel** is suited to all applications: walls, eaves, inner partitions. It is especially suited to partitions due to its sound insulating performances.

- **85%** recycled textile fibres (minimum 70% cotton)

- 15% polyester binder
- Complete treatment using additives for: fire-proofing, anti-fungal and anti-bacteria protection (1%)

Density 20 kg/m³ (+/-10%)

Rolls	R Value	Width (cm)	Length (ml)
50	1,25	60	7
100	2,5	60	3,5
120	3	60	3
Panels			
50	1,25	40 / 60	1,2
100	2,5	40 / 60	1,2
120	3	40 / 60	1,2
145	3,6	40 / 60	1,2
200	5	40 / 60	1,2

Performances

Thermal

Thermal conductivity: $\lambda = 0.039$ W/mK
Specific heat: $C_p = 1600$ J/kg.K (see Th-U rules)
Dephasing: 6 to 8 hours*

Acoustic

Sound Absorption : $\alpha = 0.85$
Sound Insulation : $R_w = 42$ dB (72/48)

Water behaviour

Water absorption capacity (NF EN 1609): $W_p = 7.04$ kg/m²
Partial humidification (ACERMI standard) : $\Delta = 0$ mm
(or no identified variation in thickness)

Mechanical

Perpendicular tensile strength (NF EN 1607) : $F_{max} = 704$ N/m²
Parallel tensile strength (NF EN 1608) : $F_{max} = 7.1$ kN/m²
Return to thickness after compression 100%

Biological

Fungal resistance (EN ISO 846 - Intertek) : F0 - Class 0 - Inert
(the environment is not prone to the development of mould)

Resistance against fire

Product alone: Euroclass E (EN 13501-1: 2007 COFRAC)
Product in its final conditions of use: Euroclass B/S1/d0

Tests carried out by independent, approved laboratories in compliance with applicable standards

*Calculation based on a 200 mm installation