

Stravifloor

Mat- F_e (as underlay)

Datasheet

Resilient acoustic underlayment made of agglomerated recycled SBR (Styrene Butadiene Rubber) with PU (polyurethane) elastomer bonding agent for impact noise insulation for different types of flooring: glued and non-glued flooring.

SYSTEM COMPONENTS & DIMENSIONS

- Mat dimension: 1 m x 10 m x 3 mm & 1 m x 7 m x 4.5 mm
- Pallet information: 3 mm → 25 rolls/pallet - pallet: 1100x1200x1200 mm - 675 kg
4.5 mm → 25 rolls/pallet - pallet: 1100x1200x1200 mm - 710 kg

PHYSICAL & MECHANICAL PROPERTIES

Mechanical properties

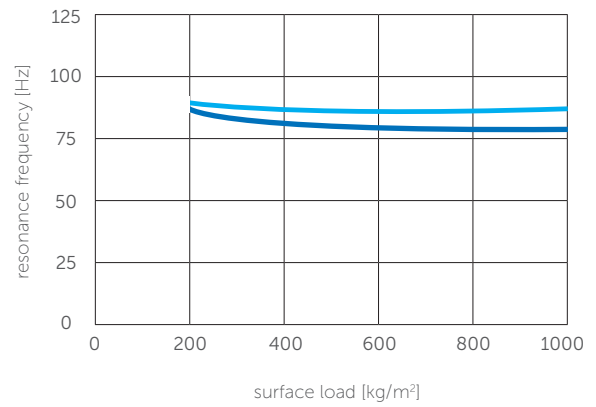
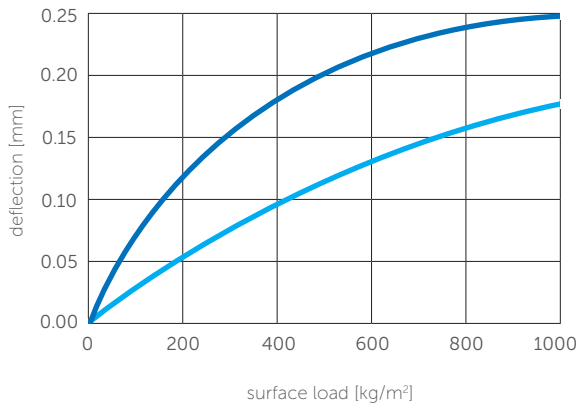
Max. total load 0.1 MPa	Max. occasional load 0.25 MPa	Density⁽¹⁾ 880 kg/m ³	Surface weight⁽¹⁾ 3 mm → 2.64 kg/m ² 4.5 mm → 3.96 kg/m ²
Tensile strength⁽²⁾ > 0.3 MPa	Elongation at break⁽²⁾ > 20 %	Creep rate⁽³⁾ 0.25 % H/dec	Cdyn⁽⁴⁾ 3 mm → 75 MN/m ³ 4.5 mm → 50 MN/m ³

⁽¹⁾ISO 845 - ⁽²⁾ISO 37 - ⁽³⁾ISO 8013, at 0.02 mPa - ⁽⁴⁾EN 29052-1

Thermal Properties

Temperature range -30°C / 80°C	Reaction to fire Class E ⁽¹⁾ / Class B2 ⁽²⁾	Thermal conductivity 0.12 W/m°C ⁽³⁾	Thermal resistance 3 mm → 0.025 m ² °C/W ⁽³⁾ 4.5 mm → 0.038 m ² °C/W ⁽³⁾
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⁽¹⁾EN 13501-1 - ⁽²⁾DIN 4102 - ⁽³⁾EN 12667



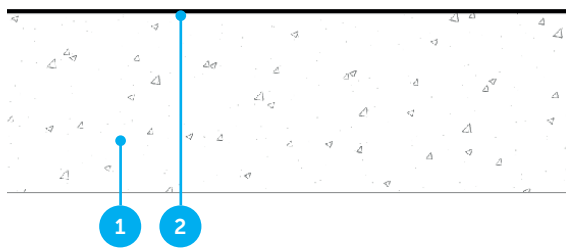
● Stravifloor Mat-F3_e
● Stravifloor Mat-F4.5_e

● Stravifloor Mat-F3_e
● Stravifloor Mat-F4.5_e

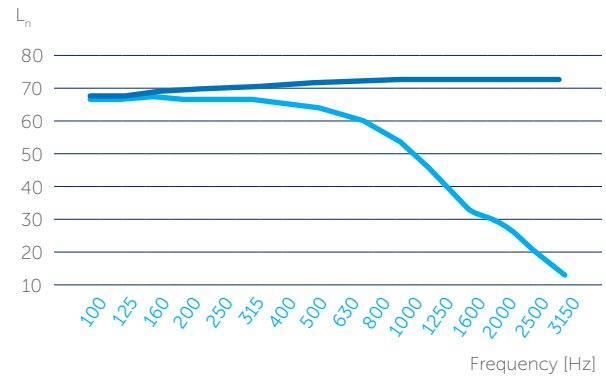
ACOUSTICAL RESULTS

Test Report Itecons ACL354/19 by Itecons* - Test Setup

1. Standard reinforced concrete floor (140 mm)
2. Stravifloor Mat-F3_e



*Laboratory report available upon request



● L_n
● $L_{n,0}$



DISCLAIMER

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