

Stravifloor Mat-W25_x^{*} Datasheet

Stravifloor Mat-W25_x is a mat made of upcycled polyurethane foam and cellular rubber for **rolling noise isolation** of floating slabs and screeds.



SYSTEM COMPONENTS & DIMENSIONS

- Mat dimension: 1.25 m x 5 m x 25/7 mm
- Pallet information: 6 rolls/pallet - pallet: 1200x800x1400 mm - 255 kg



PHYSICAL & MECHANICAL PROPERTIES

Mechanical properties

| | | | |
|---|--|---|--|
| Max. total load 0.1 MPa | Max. occasional load 1 MPa | Density⁽¹⁾ 400 kg/m ³ | Surface weight⁽¹⁾ 6.4 kg/m ² |
| Tensile strength⁽²⁾ > 0.25 MPa | Elongation at break⁽²⁾ > 50 % | Creep rate⁽³⁾ 0.86 % H/dec | Cdyn⁽⁴⁾ 6 MN/m ³ |

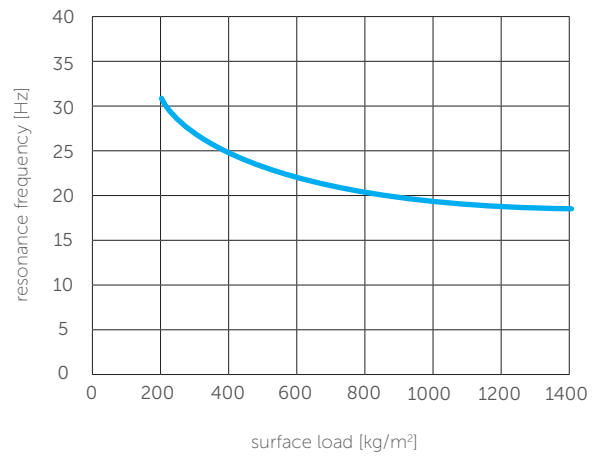
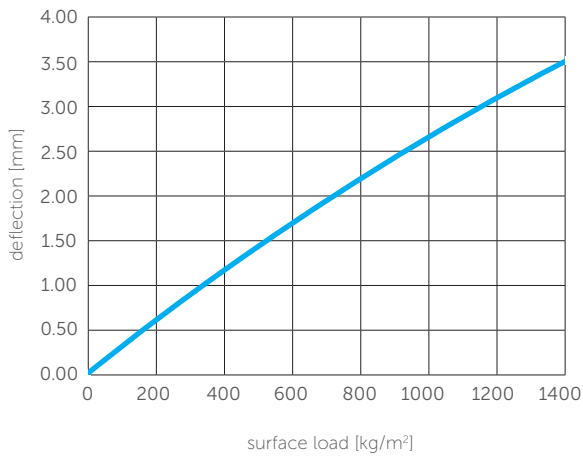
⁽¹⁾ISO 845 - ⁽²⁾ISO 37 - ⁽³⁾ISO 8013, at 0.02 mPa - ⁽⁴⁾EN 29052-1

Thermal Properties

| | | | |
|--|---|--|--|
| Temperature range -30°C / 80°C | Reaction to fire Class E ⁽¹⁾ / Class B2 ⁽²⁾ | Thermal conductivity 0.10 W/m°C ⁽³⁾ | Thermal resistance 0.250 m ² C/W ⁽³⁾ |
|--|---|--|--|

⁽¹⁾EN 13501-1 - ⁽²⁾DIN 4102 - ⁽³⁾EN 12667

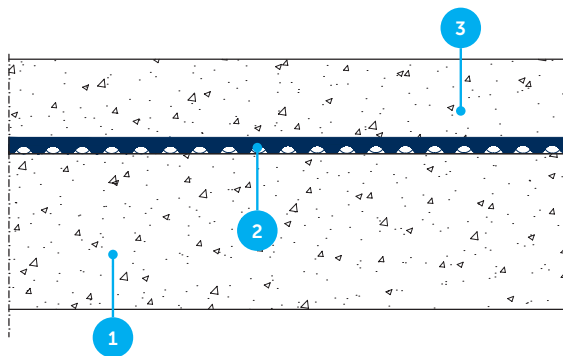
*Previously known as CDM-MTX-25/7



ACOUSTICAL RESULTS

Test Report Itecons ACL279-17* - Test Setup

1. Standard reinforced concrete floor (140 mm)
2. Stravifloor Mat-W25_x
3. Floating floor: reinforced concrete slab (70 mm)



*Laboratory report available upon request



● L_n
● $L_{n,0}$



DISCLAIMER

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