

# Stravifloor Mat-W15<sub>x</sub><sup>\*</sup> Datasheet

Stravifloor Mat-W15<sub>x</sub> 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 15/7 mm
- Pallet information: 11 rolls/pallet - pallet: 1200x800x1400 mm - 400 kg



## PHYSICAL & MECHANICAL PROPERTIES

### Mechanical properties

|                                                     |                                                    |                                                       |                                                              |
|-----------------------------------------------------|----------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------|
| <b>Max. total load</b><br>0.1 MPa                   | <b>Max. occasional load</b><br>1 MPa               | <b>Density<sup>(1)</sup></b><br>400 kg/m <sup>3</sup> | <b>Surface weight<sup>(1)</sup></b><br>4.4 kg/m <sup>2</sup> |
| <b>Tensile strength<sup>(2)</sup></b><br>> 0.25 MPa | <b>Elongation at break<sup>(2)</sup></b><br>> 50 % | <b>Creep rate<sup>(3)</sup></b><br>0.76 % H/dec       | <b>Cdyn<sup>(4)</sup></b><br>9 MN/m <sup>3</sup>             |

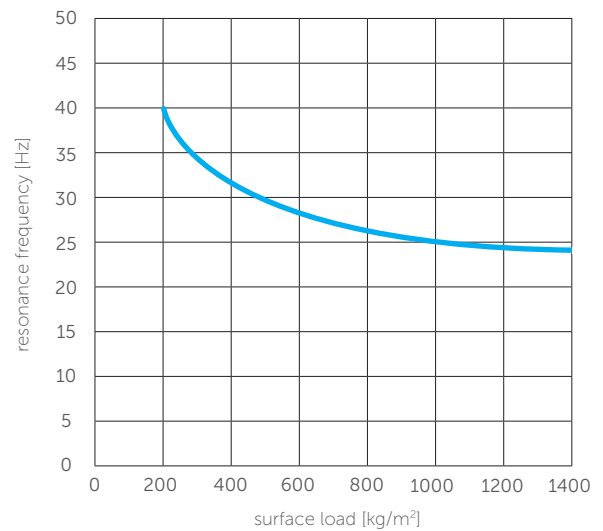
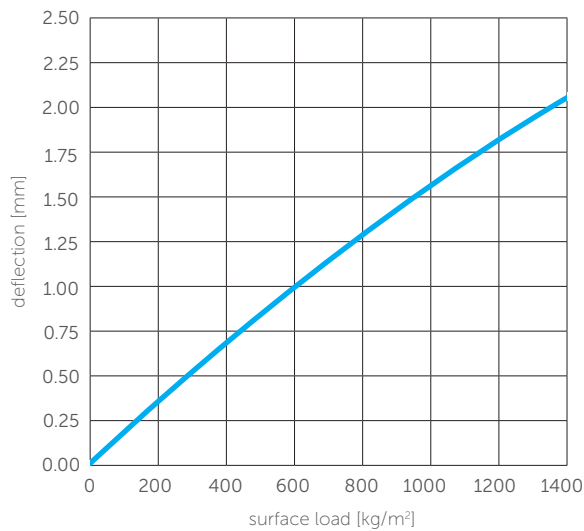
<sup>(1)</sup>ISO 845 - <sup>(2)</sup>ISO 37 - <sup>(3)</sup>ISO 8013, at 0.02 mPa - <sup>(4)</sup>EN 29052-1

### Thermal Properties

|                                          |                                                                             |                                                          |                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Temperature range</b><br>-30°C / 80°C | <b>Reaction to fire</b><br>Class E <sup>(1)</sup> / Class B2 <sup>(2)</sup> | <b>Thermal conductivity</b><br>0.10 W/m°C <sup>(3)</sup> | <b>Thermal resistance</b><br>0.150 m <sup>2</sup> °C/W <sup>(3)</sup> |
|------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|

<sup>(1)</sup>EN 13501-1 - <sup>(2)</sup>DIN 4102 - <sup>(3)</sup>EN 12667

\*Previously known as CDM-MTX-15/7

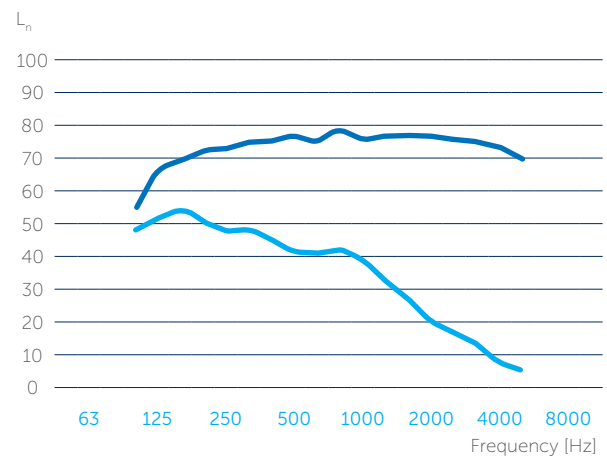
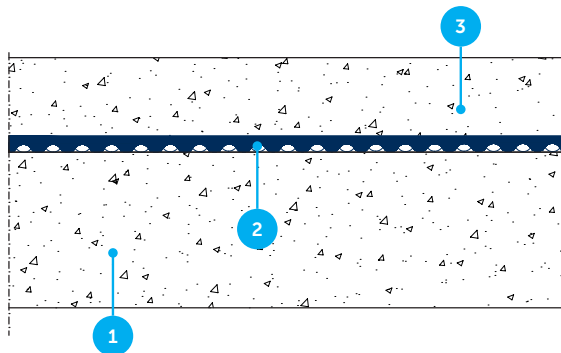


## ACOUSTICAL RESULTS

### Test Report Itecons ACL281-17\* - Test Setup

1. Standard reinforced concrete floor (140 mm)
2. Stravifloor Mat-W15<sub>x</sub>
3. Floating floor: reinforced concrete slab (70 mm)

\*Laboratory report available upon request



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●  $L_n$   
 ●  $L_{n,0}$

$\Delta L_w$

32 dB

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