

# Stravifloor Mat-W8<sub>x</sub><sup>\*</sup> Datasheet



Stravifloor Mat-W8<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 8 m x 8/4 mm
- Pallet information: 11 rolls/pallet - pallet: 1200x800x1400 mm - 280 kg



## PHYSICAL & MECHANICAL PROPERTIES

### Mechanical properties

<b>Max. total load</b> 0.1 MPa	<b>Max. occasional load</b> 1 MPa	<b>Density<sup>(1)</sup></b> 400 kg/m <sup>3</sup>	<b>Surface weight<sup>(1)</sup></b> 2.4 kg/m <sup>2</sup>
<b>Tensile strength<sup>(2)</sup></b> > 0.25 MPa	<b>Elongation at break<sup>(2)</sup></b> > 50 %	<b>Creep rate<sup>(3)</sup></b> 0.77 % H/dec	<b>Cdyn<sup>(4)</sup></b> 14 MN/m <sup>3</sup>

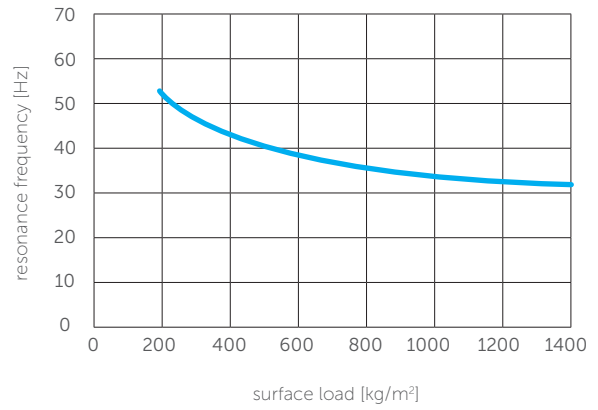
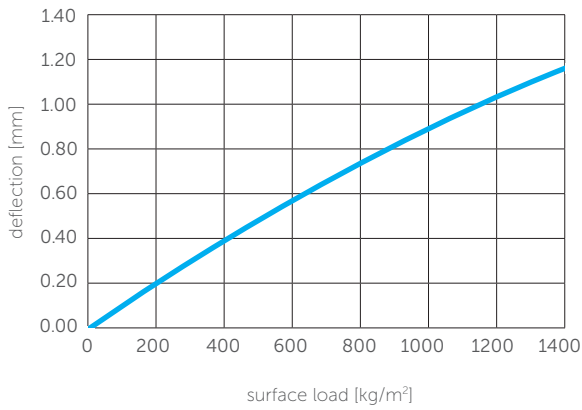
<sup>(1)</sup>ISO 845 - <sup>(2)</sup>ISO 37 - <sup>(3)</sup>ISO 8013, at 0.02 mPa - <sup>(4)</sup>EN 29052-1

### Thermal Properties

<b>Temperature range</b> -30°C / 80°C	<b>Reaction to fire</b> Class E <sup>(1)</sup> / Class B2 <sup>(2)</sup>	<b>Thermal conductivity</b> 0.10 W/m°C <sup>(3)</sup>	<b>Thermal resistance</b> 0.080 m <sup>2</sup> °C/W <sup>(3)</sup>
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<sup>(1)</sup>EN 13501-1 - <sup>(2)</sup>DIN 4102 - <sup>(3)</sup>EN 12667

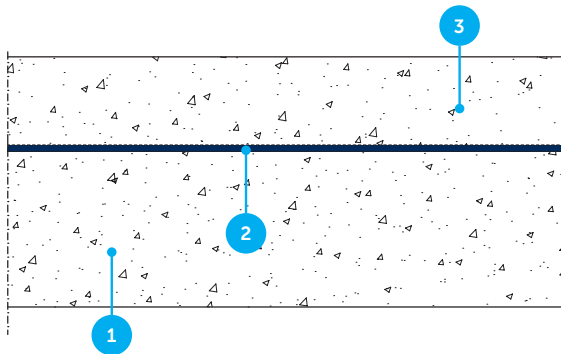
\*Previously known as CDM-MTX-8/4



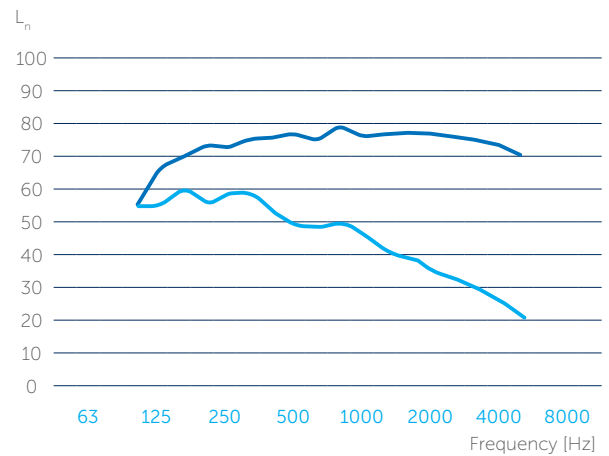
## ACOUSTICAL RESULTS

### Test Report Itecons ACL282-17\* - Test Setup

1. Standard reinforced concrete floor (140 mm)
2. Stravifloor Mat-W8<sub>x</sub>
3. Floating floor: reinforced concrete slab (70 mm)



\*Laboratory report available upon request



●  $L_n$   
●  $L_{n,0}$

$\Delta L_w$   
27 dB

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