



Dimensioning Curves-Single span

Wall panels

TENAX W MW and TENAX W PIR

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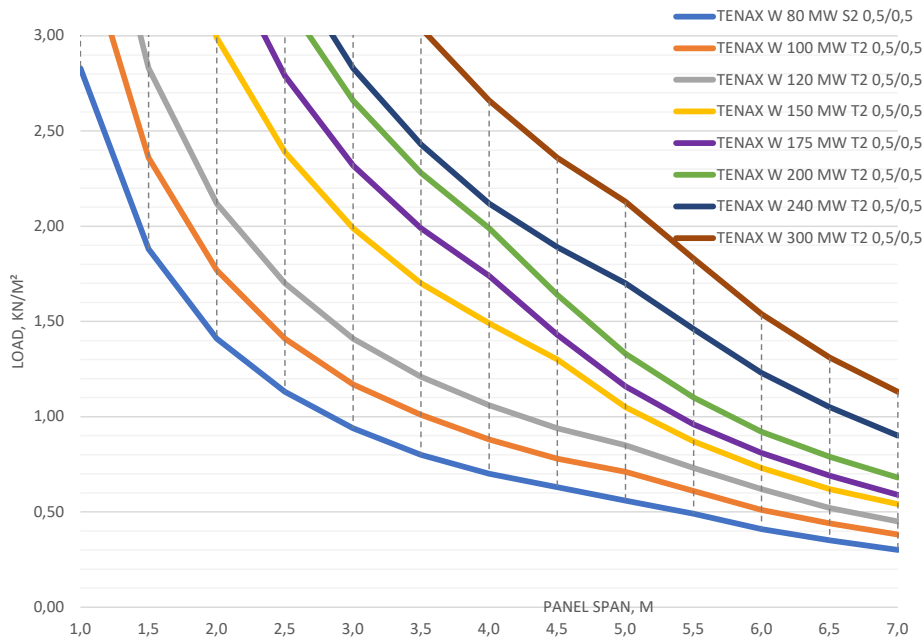
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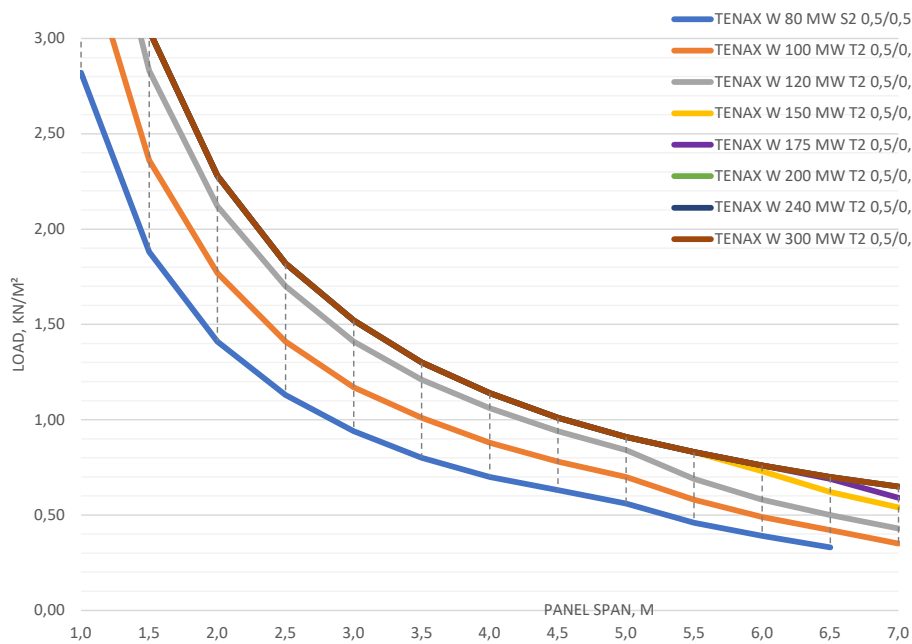


Dimensioning curves- TENAX W 80-300 MW S2/T2 0,5/0,5, support width 60 mm

Maximum allowable wind suction, kN/m²



Maximum allowable wind pressure, kN/m²

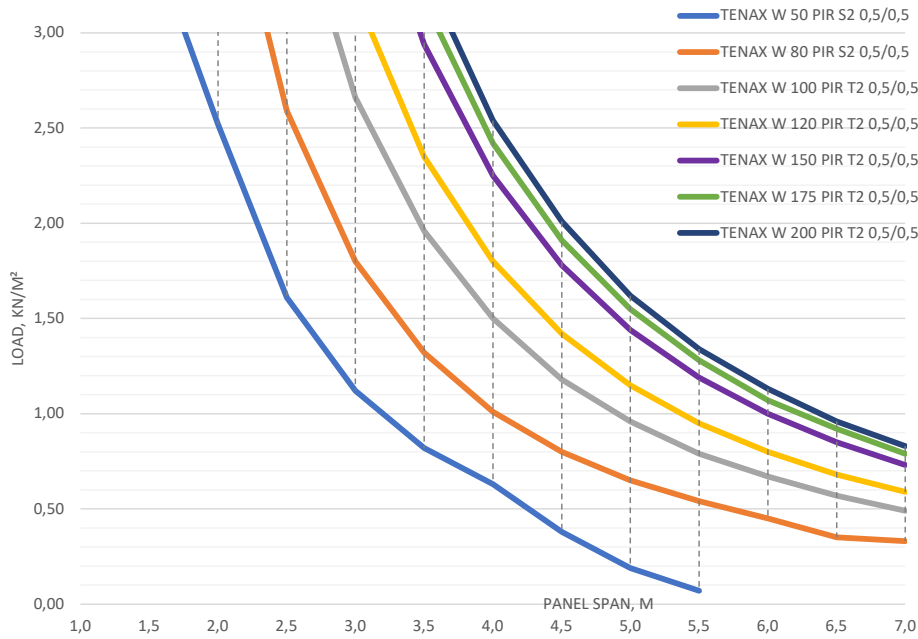


Calculation in accordance with EN 14509
Load factors: EN 14509, Tab. E.8
Maximum deflection short term 1/100
Maximum deflection long term 1/100
Table are made on normal internal climate (No freezers or cold rooms)
Internal temperature: summer +25 °C and winter +20 °C
External temperature: Summer +80 °C (I, II, III)
External temperature: Winter +55 °C (I), +65 °C(II), +80 °C (III)
Type and amount of screws must be calculated separately
Loads should be verified against the characteristic load
Calculated end support width: 60 mm

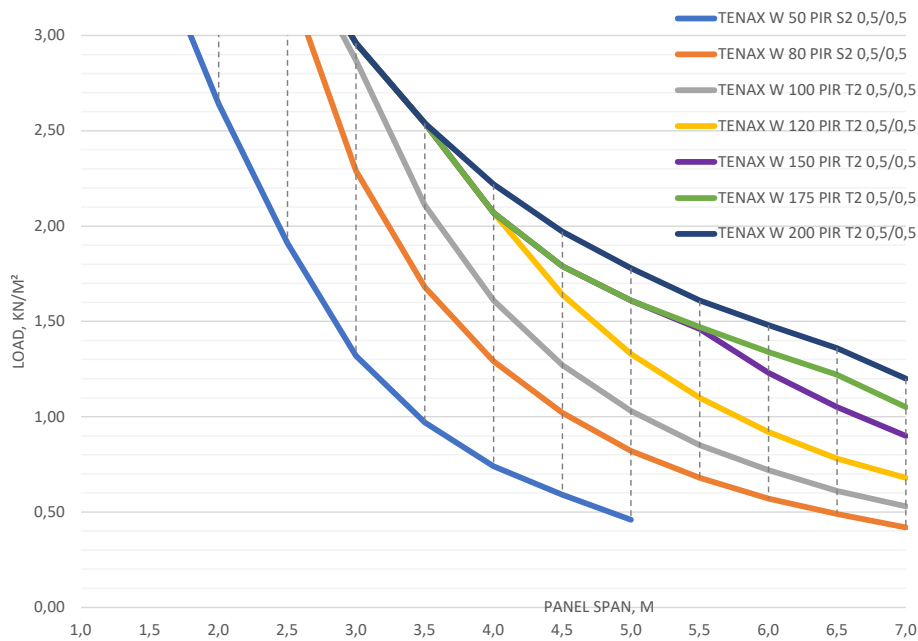


Dimensioning curves- TENAX W 50-200 PIR S2/T2 0,5/0,5, support width 60 mm

Maximum allowable wind suction, kN/m²



Maximum allowable wind pressure, kN/m²



Calculation in accordance with EN 14509

Load factors: EN 14509, Tab. E.8

Maximum deflection short term 1/100

Maximum deflection long term 1/100

Table are made on normal internal climate (No freezers or cold rooms)

Internal temperature: summer +25 °C and winter +20 °C

External temperature: Summer +80 °C (I, II, III)

External temperature: Winter +55 °C (I), +65 °C(II), +80 °C (III)

Type and amount of screws must be calculated separately

Loads should be verified against the characteristic load

Calculated end support width: 60 mm