

MonoPan[®]

Area weight

(Calculation table)

Calculation of the area weight per square meter.

Following table shows how the area weight per m² can be calculated in a straight forward way: Base weight plus the additional weight for core and panel thickness.

The calculation can be carried out as follows:

Example:

MonoPan[®], 30 mm thickness, standard honeycomb (PP85) and 0.7 mm face sheets.

Base weight for MonoPan [®] with 0.7 face sheets	2.38 kg/m ²
Addition for core: $\text{density} \times \text{thickness} = 0.085 \times 30 =$	<u>2.55 kg/m²</u>
Total =	4.93 kg/m²

MonoPan [®] PP85		
Face sheet	Base weight	Addition core weight
<i>mm</i>	<i>kg/m²</i>	<i>kg/(m².mm) x mm</i>
0.7	2.38	+ 0.085 x panel thickness
1.0	3.30	

MonoPan [®] PP120		
Face sheet	Base weight	Addition core weight
<i>mm</i>	<i>[kg/m²]</i>	<i>kg/(m².mm) x mm</i>
0.7	2.28	+ 0.120 x panel thickness
1.0	3.18	

Examples

30-MonoPan [®] PP85 TN0.7	= 2.38 + 0.085x30 = 4.93 kg/m ²
15-MonoPan [®] PP100 TN1.0	= 3.30 + 0.100x15 = 4.80 kg/m ²

Remarks

Standard paint weighs approximately 65 g/m².

For applications, treatment and storage please pay attention to the „Technical Data Sheet“ of the manufacturer.

The specifications in this data sheet represent the current state of our technical knowledge and its purpose is to inform about MonoPan[®] and its applications. The specifications therefore do not guarantee particular properties or suitability for a specific application. We reserve the right to make changes in accordance with technological processes and other developments. We guarantee faultless quality in accordance with our conditions of sale.