

Area weight calculation table for MonoPan®



Page 1 of 1
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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 (PP80) and 0.7 mm face sheets.

Base weight for MonoPan® with 0.7 face sheets 2,38 kg/m²

Addition for core: density x thickness = 0,080 x 30 = 2,40 kg/m²

Total = 4,78 kg/m²

MonoPan® PP80			
Face sheet	Base weight	Addition core weight	
mm	kg/m ²	kg/(m ² .mm) x mm	
0.7	2,38	+ 0,080 x panel thickness	
1.0	3,30		
1.4/2	4,26		

MonoPan® PP120			
Face sheet	Base weight	Addition core weight	
mm	[kg/m ²]	kg/(m ² .mm) x mm	
0.7	2,28	+ 0,120 x panel thickness	
1.0	3,18		
1.4/2	4,12		

Examples

30-MonoPan® PP80 TN0.7 = 2,38 + 0,080x30 = 4,78 kg/m²

15-MonoPan® PP80 TN1.0 = 3,30 + 0,080x15 = 4,50 kg/m²

35-MonoPan® PP120 TN1.4/2 = 4,12 + 0,120x35 = 8,32 kg/m²

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.



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