Area weight
calculation table for MonoPan®

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/m²*	*kg/(m².mm) x mm*	
0.7	2,38		
1.0	3,30	+ 0,080 x panel thickness	
1.4/2	4,26		

MonoPan® PP120			
Face sheet	*Base weight*	*Addition core weight*	
mm	*[kg/m²]*	*kg/(m².mm) x mm*	
0.7	2,28		
1.0	3,18	+ 0,120 x panel thickness	
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.