

# SUBSTRATES

## Mild Steel

Economical substrate option, only suitable for interior use.

## Galvanised Steel

Has added protection from galvanised surface coating.  
Only recommended for interior use.

## Aluminium

Light weight and suitable for both interior and exterior requirements this is the most popular substrate for all applications.

## Stainless Steel

Premium product that is very strong and durable.

## HW350/Corten

Oxidised finish on Steel substrate. Giving a rusted appearance.

Product	Application		Surface finish		Material density
	Interior	Exterior	Powdercoat	Anodising	
Mild Steel	✓		✓		7.85
Galvanised Steel	✓		✓		7.85
Aluminium	✓	✓	✓	✓	2.71
Stainless Steel	✓	✓	✓		8.18
HW350/Corten		✓			8.20

## How to calculate the weight of a solid panel

Weight = Length X Width X Thickness X Density

Example: A sheet of 2.400 X 1.200 X 3mm thick aluminium X 2.71 density of aluminium = 23.4kg

## How to calculate the weight of a perforated panel

Weight = (Length X Width X Thickness X Density) – Open area

Example: (A sheet of 2.400 X 1.200 X 3mm thick aluminium X 2.71 density of aluminium) – 41% = 13.8kg

NB: Please note this formula calculates an approximate weight and should be used as a guide only, margin size, finishing choice, etc will alter the weight slightly. Metrix Group® accepts no responsibility for any errors in calculations.

# SHEET SIZES

Thickness & sheet size	Aluminium 5005	Mild Steel	Galvanised Steel	Stainless Steel 304	HW350/ Corten
0.60 X 1200 X 2400		✓*	✓*	✓*	
0.70 X 1200 X 2400				✓*	
0.80 X 1200 X 2400			✓*		
0.90 X 1200 X 2400		✓*	✓*	✓*	
1.00 X 1200 X 2400	✓		✓*		
1.20 X 1200 X 2400	✓	✓*	✓*	✓*	
1.20 X 1200 X 3000	✓	✓*	✓*		
1.20 X 1500 X 3000	✓		✓	✓*	
1.50 X 1200 X 2400	✓	✓*	✓	✓*	
1.50 X 1500 X 3000	✓	✓*	✓*	✓*	
1.60 X 1200 X 2400	✓	✓*	✓*	✓*	✓*
1.60 X 1500 X 2400	✓	✓*	✓*		
1.60 X 1200 X 3000	✓	✓*	✓*		✓*
1.60 X 1500 X 3000	✓	✓*	✓*	✓*	
2.00 X 1200 X 2400	✓	✓*	✓*	✓*	✓*
2.00 X 1500 X 2400	✓	✓*	✓*	✓*	
2.00 X 1200 X 3000	✓	✓*	✓*		
2.00 X 1500 X 3000	✓		✓*	✓*	
2.50 X 1200 X 2400	✓	✓*	✓*		
2.50 X 1500 X 2400	✓	✓*			
2.50 X 1200 X 3000	✓	✓*	✓*		
2.50 X 1500 X 3000	✓	✓*			
3.00 X 1200 X 2400	✓	✓*	✓*		✓*
3.00 X 1500 X 2400	✓	✓*			
3.00 X 1200 X 3000	✓	✓*			✓*
3.00 X 1500 X 3000	✓	✓*			
3.00 X 1200 X 3600	✓				
3.00 X 1500 X 3600	✓				
4.00 X 1200 X 2400	✓				
4.00 X 1200 X 3000	✓				
4.00 X 1500 X 3000	✓				
4.00 X 1200 X 3600	✓				
5.00 X 1200 X 2400	✓				
5.00 X 1500 X 3000	✓				

\* Sheet is oversize 2440 x 1220, 3050 x 1220, 2440 x 1505, 3050 x 1505.

Additional sheet sizes may be available on a project basis please contact Metrix Group® for availability.