

Wagners Composite Fibre Technologies (CFT)

# Decking

Wagners CFT delivers innovative decking solutions using Fibre Reinforced Polymer (FRP); purpose built for modern pedestrian infrastructure such as boardwalks, pedestrian bridges and cycleways.

Designed for durability and long-term performance, Wagners FRP decking is highly resistant to rot, rust, corrosion, termites and acid sulfate soils. The material's anti-slip, fire-resistance and non-conductive properties enhance safety for users in a wide range of environments.

Being light weight and modular the decking is easy to transport, handle and install making it ideal for reducing on-site construction time and costs.

Wagners CFT offer a versatile range of FRP decking options including Micro-Mesh, Mini-Mesh, Treddeck and Covertop; each designed to provide a safe, robust and visually appealing solution for you decking needs.



## Performance Advantages



**Low slip** potential, P5 classification as per AS4586



**Standardised sizing** for ease of planning and budgeting



**High strength to weight ratio** with options for vehicle loads **up to 10T**



**Lightweight** making it easier and safer for handling and installation



**Corrosion Resistant** ensuring longevity and improved maintenance costs



**Non-conductive** making it safer in electrical environments or where conductivity poses a hazard



**Durable** and resistant to wear, weathering and UV exposure



**Low Maintenance** which positively impacts operational budgets



**Fire resistant** and adaptable for a wide range of environments



**Superior** alternative to steel, wood or concrete

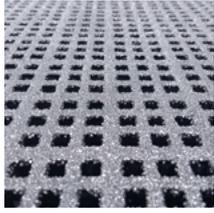
**WAGNERS**

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[wagnerscft.com.au](http://wagnerscft.com.au)

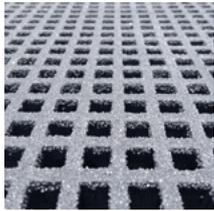
# Decking Load Span Table

## Micro-Mesh Decking\*



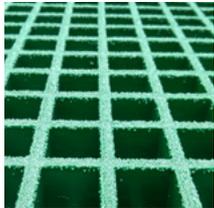
Product Code	Thickness (mm)	Bar Thickness (mm)	Bar Spacing (Top/Bottom) (mm)	Aperture (mm)	Open Rate (%)	Panel Size (mm)	Weight (kg/m <sup>2</sup> )	Slip Rating (AS4586)	Live UDL Loading	Serviceability Design Load <sup>30</sup> kN Max. Joists Clear Centres, mm					
										400	600	750	1000	1200	1500
MIC30-XX	30	5.0	13 x 13 40 x 40	8x8	38	Standard Size: 1247 x 3687 Maximum Size: 1527 x 4047	19.1	P5	≤ 5 kPa	5.5	3.6	2.7	1.6	n/a	n/a
MIC38-XX	38	5.0	13 x 13 40 x 40	8x8	38	Standard Size: 1247 x 3687 Maximum Size: 1527 x 4047	25.0	P5	≤ 5 kPa	13.0 <sup>4</sup>	4.8	4.3	2.8	1.9	n/a

## Mini-Mesh Decking



Product Code	Thickness (mm)	Bar Thickness (mm)	Bar Spacing (Top/Bottom) (mm)	Aperture (mm)	Open Rate (%)	Panel Size (mm)	Weight (kg/m <sup>2</sup> )	Slip Rating (AS4586)	Live UDL Loading	Serviceability Design Load <sup>30</sup> kN Max. Joists Clear Centres, mm					
										400	600	750	1000	1200	1500
MIN30-XX	30	6.5	19 x 19 38 x 38	12.5 x 12.5	43	Standard Size: 1220 x 3660 Maximum Size: 1530 x 4047	18.8	P5	≤ 5 kPa	5.5	3.6	2.7	1.6	n/a	n/a
MIN38-XX	38	6.5	19 x 19 38 x 38	12.5 x 12.5	43	Standard Size: 1225 x 3660 Maximum Size: 1225 x 4047	23.5	P5	≤ 5 kPa	13.0 <sup>4</sup>	4.8	4.3	2.8	1.9	n/a
MIN50-XX	50	5	25 x 25 50 x 50	20 x 20	67	Standard Size: 1225 x 3660	22	P5	≤ 5 kPa	7.9 <sup>*</sup>	7.9	6.9	3.2	2.2	1.4

## Open-Mesh Decking



Product Code	Thickness (mm)	Bar Thickness (mm)	Bar Spacing (Top/Bottom) (mm)	Aperture (mm)	Open Rate (%)	Panel Size (mm)	Weight (kg/m <sup>2</sup> )	Slip Rating (AS4586)	Live UDL Loading	Serviceability Design Load <sup>30</sup> kN Max. Joists Clear Centres, mm					
										400	600	750	1000	1200	1500
MSH38-XX	38	7.0	38 x 38	31x31	67	Standard Size: 1220 x 3660 Maximum Size: 2100 x 4240	19.5	P5	≤ 5 kPa	3.5 <sup>*</sup>	3.5	2.8	1.7	n/a	n/a
MSH50-XX <sup>^</sup>	50	7.0	50 x 50	43x43	74	Standard Size: 1220 x 3660 Maximum Size: 1527 x 4020	23.0	P5	≤ 5 kPa	7.7 <sup>*</sup>	7.7	6.9	3.2	2.4	1.5

## Covertop Decking

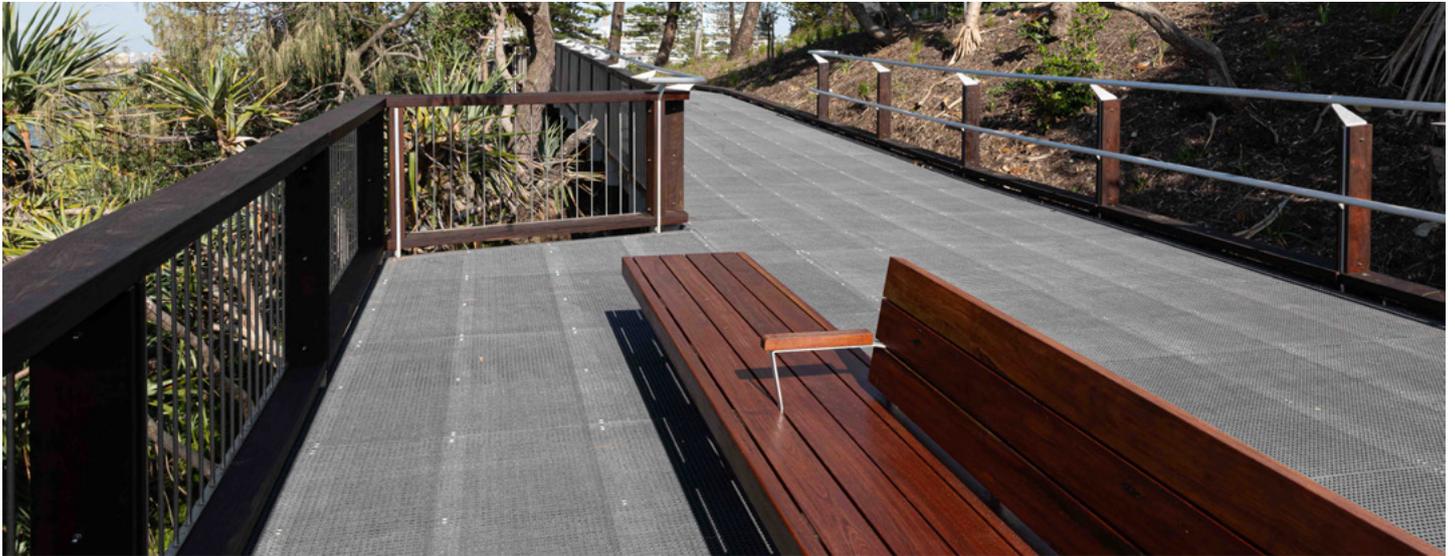


Product Code	Thickness (mm)	Bar Thickness (mm)	Bar Spacing (mm)	Aperture (mm)	Open Rate (%)	Panel Size (mm)	Weight (kg/m <sup>2</sup> )	Slip Rating (AS4586)	Live UDL Loading	Serviceability Design Load <sup>30</sup> kN Max. Joists Clear Centres, mm						
										400	600	750	1000	1200	1500	2000
COV25-XX	25	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 1524 x 4010	21.0	P5	≤ 5 kPa	5.0	3.6	3.0	1.5	n/a	n/a	n/a
COV30-XX	30	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 1530 x 4010	23.0	P5	≤ 5 kPa	6.1	4.4	3.1	1.9	1.8	n/a	n/a
COV43-XX	43	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 2100 x 4240	29.0	P5	≤ 5 kPa	13.0 <sup>4</sup>	7.6	7.0	4.6	3.2	n/a	n/a
COV55-XX	55	7.0	50 x 50	0	0	Standard Size: 1220 x 3660 Maximum Size: 1527 x 4020	33.0	P5	≤ 5 kPa	20.0 <sup>*</sup>	20.0 <sup>4</sup>	13.9 <sup>^</sup>	8.4	5.8	3.8	n/a
COV70-XX <sup>^</sup>	70	8.0	38 x 38	0	0	Standard Size: 1220 x 3660	59.8	P5	≤ 5 kPa	40.0 <sup>*</sup>	40.0	31.0	21.7	15.2	9.6	5.4

## Treddeck Decking\*



Product Code	Thickness (mm)	Bar Thickness (mm)	Bar Spacing (mm)	Aperture (mm)	Open Rate (%)	Panel Size (mm)	Weight (kg/m <sup>2</sup> )	Slip Rating (AS4586)	Live UDL Loading	Serviceability Design Load <sup>†</sup> kN Max. Joists Clear Centres, mm						
										400	600	750	1000	1200	1500	2000
TD35-FX	35	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 1524 x 4010	45.0	P5	≤ 5 kPa	5.0	3.6	3.0	1.5	n/a	n/a	n/a
TD40-FX	40	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 1530 x 4010	47.0	P5	≤ 5 kPa	6.1	4.4	3.1	1.9	1.8	n/a	n/a
TD53-FX	53	7.0	38 x 38	0	0	Standard Size: 1220 x 3660 Maximum Size: 2100 x 4240	53.0	P5	≤ 5 kPa	13.0 <sup>^</sup>	7.6	7.0	4.6	3.2	n/a	n/a
TD65-FX	65	7.0	50 x 50	0	0	Standard Size: 1220 x 3660 Maximum Size: 1527 x 4020	57.0	P5	≤ 5 kPa	20.0 <sup>*</sup>	20.0 <sup>*</sup>	13.9 <sup>^</sup>	8.4	5.8	3.8	n/a
TD80-FX <sup>^</sup>	80	8	38 x 38	0	0	Standard Size: 1220 x 3660	83.8	P5	≤ 5 kPa	40.0 <sup>*</sup>	40.0	31.0	21.7	15.2	9.6	5.4



Wagners CFT meets the international management standards for:



\* Untested, conservative value based on the closest decking type/span  
<sup>^</sup> 150x150mm loading plate  
<sup>\*</sup> 200x200mm loading plate

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