



MINI MESH DECKING

The choice of decking for a Wagners composite product is just as important as the structure of the product itself. With plenty of options to choose from, decking can be selected depending on the environment, use and overall aesthetic of the asset.

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## MESH

### DESIGN

- » Custom sizes are available, cut to the nearest web for a clean finish
- » Minimum screw edge distance: 1 ¼ in.
- » Recommended sheet spacing: ⅙ in.
- » Low slip potential as per ASTM E303-93

### MINI MESH

- » Standard sizing up to 2 in. thick
- » Can be designed to take Maintenance Vehicular Loads up to 5.2 t.
- » Recommended screws: 8 gauge type 17 pan head with stainless steel M-clip

### MICRO MESH

- » Standard sizing up to 1 ½ in. thick
- » ⅝ in. square opening
- » Can be designed to take Maintenance Vehicular Loads up to 1.77 t.
- » Recommended screws: ¼ in. washer head

TABLE 1. MESH PRODUCT TABLE

Thickness (in.)	Bar Thickness (in.)	Bar Spacing (Top/Bottom) (in.)	Aperture (in.)	Open Rate (%)	Max. Panel Size (ft.)	Weight (lb/ft <sup>2</sup> )	Slip Potential (ASTM E303-93)
Micro Mesh							
1"	3/16"	1/2" x 1/2" 1 9/16" x 1 9/16"	5/16" x 5/16"	38	5' x 13' x 3' 1/4"	3.65	Low
1-1/4"	3/16"	1/2" x 1/2" 1 9/16" x 1 9/16"	5/16" x 5/16"	38	4' x 12'	3.91	Low
1-1/2"	3/16"	1/2" x 1/2" 1 9/16" x 1 9/16"	5/16" x 5/16"	38	5' x 12' 1/4"	5.12	Low
Mini-Mesh							
1"	1/4"	3/4" x 3/4" 1 1/2" x 1 1/2"	1/2" x 1/2"	43	4' 1/16" x 12' 1/8"	3.44	Low
1-1/4"	1/4"	3/4" x 3/4" 1 1/2" x 1 1/2"	1/2" x 1/2"	43	4' 1/16" x 12' 1/8"	3.85	Low
1-1/2"	1/4"	3/4" x 3/4" 1 1/2" x 1 1/2"	1/2" x 1/2"	43	4' 1/16" x 12' 1/8"	4.81	Low
2"	1/4"	16/16" x 16/16" 1 15/16" x 1 15/16"	11/16" x 11/16"	52	5' 1/4" x 12' 5/16"	5.33	Low

# DECKING

## COVERTOP

### DESIGN

- » Standard sizing up to 2¾ in. thick
- » No perforation in top face
- » Custom sizes are available; cut to the nearest web for a clean finish
- » Low slip potential as per ASTM E303-93
- » Minimum screw edge distance: 1¼ in.
- » Recommended screws: 14 gauge type 17 bulge head with washer (where high uplift loads are expected)
- » Recommended sheet spacing: ½ in.
- » Can be designed to take Maintenance or Emergency Vehicular Loads up to 8 t.



TABLE 2. COVERTOP PRODUCT TABLE

Thickness (in.)	Bar Thickness (in.)	Bar Spacing (Top/Bottom) (in.)	Max. Panel Size (in.)	Weight (lb/ft <sup>2</sup> )	Slip Potential (ASTM E303-93)
1"	1/4"	1 1/2" x 1 1/2"	4' 1/16" x 12' 1/8"	4.3	Low
1-1/4"	1/4"	1 1/2" x 1 1/2"	4' 1/16" x 12' 1/8"	4.71	Low
1-3/4"	1/4"	1 1/2" x 1 1/2"	4' 1/16" x 12' 1/8"	5.94	Low
2-1/4"	1/4"	1 15/16" x 1 15/16"	5' 1/4" x 12' 5/16"	6.76	Low

**MULTIPLE DECKING STYLES FOR ANY DESIGN SPECIFICATION.**

## TREDDECK

### DESIGN

- » Consists of two layers; Covertop Decking base with a hard-wearing stone non-slip surface top layer bound with a UV-stabilised epoxy resin
- » Standard sizing up to 2½ in. thick
- » Minimum screw edge distance 1¼ in.
- » Low slip potential as per ASTM E303-93
- » Recommended screws: 14 gauge type 17 countersunk head
- » Recommended sheet spacing: ½ in. filled with sealant
- » Can be designed to take Maintenance or Emergency Vehicular Loads up to 8 t.

TABLE 3. TREDDECK

Thickness (in.)	Mesh Thickness (in.)	Max. Panel Size (in.)	Slip Potential (ASTM E303-93)
1-1/4"	13/16"	4' 1/16" x 12' 1/8"	Low
1-3/8"	16/16"	4' 1/16" x 12' 1/8"	Low
1-1/2"	1 3/16"	4' 1/16" x 12' 1/8"	Low
2-1/4"	1 11/16"	5' 1/4" x 12' 5/16"	Low
2-1/2"	2 3/16"	4' 1/16" x 12' 1/8"	Low

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