

PANEL-TITE®

METAL-TO-WOOD SCREWS



Choose from the largest selection of fasteners for metal-to-wood applications

Designed for fast installation and corrosion free performance. All fasteners can be painted with our Kalida-Kote paint finish to your exact color match. Polyurethane with UV protection provides a chip resistant finish without chalking and fading.

PANEL-TITE HIGH-LOW 10

- Designed to provide ultimate pullout resistance.
- Available with TRI-SEAL® 1,000 hrs salt spray coating which is formulated for ACQ lumber applications.

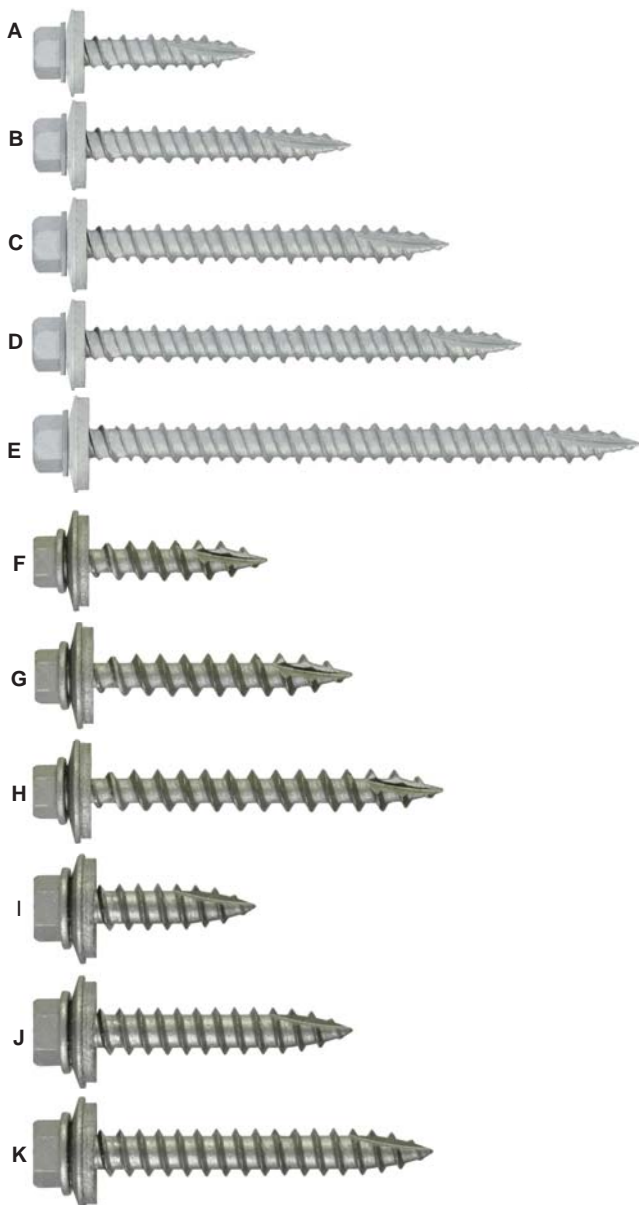
PANEL-TITE ULTRA 12

- Designed for fast installation and corrosion free performance.
- Assembled with EPDM bonded washer for exceptional weatherability.

PANEL-TITE ULTRA 14

- Type 17 mill point eliminates splitting of wood.

Fastener Sizes and Specifications



Sizes

	Size	Attachment Thickness	Part #	Box Qty.
A	#10-14 x 1"	<.250"	DD10100HW17CSTSBW	3,000
B	#10-14 x 1-1/2"	<.750"	DD10150HW17CSTSBW	2,500
C	#10-14 x 2"	.500" - 1.250"	DD10200HW17CSTSBW	2,000
D	#10-14 x 2-1/2"	1.000" - 1.750"	DD10250HW17CSTSBW	1,500
E	#10-14 x 3"	1.500" - 2.250"	DD1030HW17CSTSBW	1,000
F	#12-8 x 1"	<.250"	12100HW17CSTABW	3,000
G	#12-8 x 1-1/2"	<.750"	12150HW17CSTABW	2,500
H	#12-8 x 2"	.500" - 1.250"	12200HW17CSTABW	2,000
I	#14-10 x 1"	<.250"	14100HWMCTABW	2,500
J	#14-10 x 1-1/2"	<.750"	14150HWMCTABW	2,500
K	#14-10 x 2"	.500" - 1.250"	14200HWMCTABW	2,000

Point Type: Type 17

Bagged 250 per bag

Drilling Thickness: 20ga. Max

Paint



All fasteners can be painted with our Kalida-Kote paint finish to your exact color match.

Polyurethane with UV protection provides a chip resistant finish without chalking and fading.

Do you need a long life head or a stainless steel screw?

Please see Page 38!



Sizes

#10-14 Dual Thread
with Type 17 Point



#12-8 Low Root
with Type 17 Point



#12-11 Double Lead
Lap



#14-10 Single Lead
Type 17 Point



Material Specifications

Material: Carbon Steel
Finish: TRI-SEAL Long-life (ACQ Compatible)

Paint

Kalida-Kote Polyurethane with UV stabilizer

Material: 304 Stainless Steel
Finish: Passivated. (ACQ Compatible)

Material: 304 Stainless Steel Bi-Metal
Plating: Zinc Plated

Performance Specifications

Strengths (Carbon Steel)

Size	Tensile (lbs. min)	Shear (avg. lbs. ult.)	Torsional (min. in. lbs.)
#9-15	1,800	1,200	50
#10-9	1,850	1,216	65
#10-12	2,100	1,400	65
#10-14	1,850	1,216	65
#12-8	2,183	1,946	80
#12-11	2,778	2,000	92
#14-10	3,150	2,150	125

Pullover Strength in Pounds

Washer Size	26ga (.19")	24ga (.023")	22ga (.031")	20ga (.035")	18ga (.049")
1/2" O.D.	515	674	875	1100	1627
9/16" O.D.	587	744	915	993	1246
15mm O.D.	564	810	1097	1166	1643

Pullout Values in Wood (Carbon Steel or Stainless Steel)
Ultimate Average Load in Pounds Force

Fastener Dia. & Point	Wood Type						
	1/2" Ply	5/8" Ply	3/4" Ply	7/16" OSB	19/32" OSB	23/32" OSB	2 x 4 SYP
#9-15 GP	350	402	548	173	344	431	887
#10-9 Type 17	383	395	574	136	256	514	813
#10-13 GP	375	505	654	166	357	442	737
#10-14 High-Low	375	505	654	166	357	442	737
#12-8 Type 17	296	445	552	139	445	538	748
#14-10	434	475	626	153	327	475	1030

Corrosion Test Results
TRI-SEAL COATING

Testing Method	*Results
SO ₂ Test Per ASTM G87	20 Cycles (2 liters)
Salt Spray Per ASTM B117	1,000 hours

*0% Red Rust

DISCLAIMER: ALL TEST RESULTS AND FASTENER RECOMMENDATIONS ARE BASED ON LABORATORY CONDITIONS. BECAUSE ACTUAL JOB SITE CONDITIONS VARY AND ARE UNCONTROLLABLE BY TFC, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.

Rev JC022712
Report #T279-10 / Farabaugh Engineering and Testing / 9.30.2010



We offer a complete line of metal-to-wood screws that provide superior corrosion protection in the most harsh environments.

Choose either the **PANEL-TITE®** with stainless steel cap head or all stainless steel for attaching aluminum panels to wood.



PANEL-TITE® SCH
Stainless Cap Head
w/ Flange Sealer

- Use on 20yr warranty roof systems.
- Carbon steel shank with TRI-SEAL™ coating
- Provides outstanding corrosion protection.



PANEL-TITE® SS
Stainless Steel
w/ Aluminum Bonded-Sealer Washer

- 305 stainless steel.
- Used in aluminum applications.
- Preferred screw for ACQ lumber.



SIZES

	Description	Drilling Thickness	Part No.	Carton Quantity
A	#10-12 x 1" GP	20ga. max	10100HWGSYSWSC	2,500 pcs.
B	#10-12 x 1-1/2" GP	20ga. max	10150HWGSYSWSC	2,000 pcs.
C	#10-12 x 2" GP	20ga. max	10200HWGSYSWSC	2,000 pcs.
D	#10-12 x 2-1/2" GP	20ga. max	10250HWGSYSWSC	1,000 pcs.

SIZES

	Description	Drilling Thickness	Part No.	Carton Quantity
E	#9-15 x 1" GP	.040 AL	DD9100PW3SS	3,000 pcs.
F	#9-15 x 1-1/2" GP	.040 AL	DD9150PW3SS	2,500 pcs.
G	#9-15 x 2" GP	.040 AL	DD9200PW3SS	2,000 pcs.
H	#9-15 x 2-1/2" GP	.040 AL	DD9250PW3SS	1,500 pcs.

TECHNICAL DATA

MATERIAL AND PHYSICAL PROPERTIES

Diameter & Point: #10-12 Gimlet Point
Material: Carbon Steel Shank, 304 Stainless Steel Cap Head
Plating: TRI-SEAL™ Coating
Head Style: 1/4" HWH
Thread: #10-12 Double Lead
Salt Spray: 1,000 hrs.

Diameter & Point: #9-15 Gimlet Point
Material: 305 Stainless Steel
Plating: Passivated
Head Style: 1/4" HWH
Thread: #9-15 Double Lead

FASTENER STRENGTH

Size	Tensile (lbs.)	Shear (lbs.)	Torsional (Inch-lbs.)
#9-15	1,500	980	50
#10-12	2,100	1,400	65

Pullout Values in Wood (Carbon Steel or Stainless Steel)
Ultimate Average Load in Pounds Force

Fastener Dia. & Point	Wood Type						
	1/2" Ply	5/8" Ply	3/4" Ply	7/16" OSB	19/32" OSB	23/32" OSB	2 x 4 SYP
#9-15 GP	350	402	548	173	344	431	887
#10-13 GP	375	505	654	166	357	442	737

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DISCLAIMER: ALL DATA AND SPECIFICATIONS ARE BASED ON LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. BECAUSE APPLICATION CONDITIONS VARY, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.