



Product Submittal/Substitution Request

TO:

PROJECT:

PROJECT LOCATION:

SPECIFIED ITEM:

Section

Page

Paragraph

Description

PRODUCT SUBMIT TAL / SUBSTITUTION REQUESTED:

The attached submittal package includes the product description, specifications, drawings, and performance data for use in the evaluation of the request.

SUBMITTED BY:

Name:

Signature:

Company:

Address:

Date:

Telephone:

Fax:

FOR USE BY THE ARCHITECT AND/OR ENGINEER

Approved

Approved as Noted

Not Approved

(If not approved, please briefly explain why the product was not accepted.)

By:

Date:

Remarks:



Architectural Roof Clip Fasteners

Low-profile head design for wood and steel applications



The efficiency of self-drilling fasteners and the aesthetics of an unobtrusive head are ideal for attaching metal roof clips to metal and wood.

Specifications

- Diameters: #10 to #12"
- Lengths: 1" to 2"
- Head Styles: Pancake
- Drive Systems: Phillips
- Material: Carbon steel
- Finishes: Silver or gray Stalgard® coating

Features & Benefits

- Eliminates separate drilling and tapping operations
- Pancake head improves aesthetics and prevents panel dimpling
- Stalgard coating provides 1000 hours of salt spray resistance (per ASTM B117)
- Gray Stalgard is ACQ-compatible

Catalog No.	Description	Drive System	Point Type	Finish*	Carton Quantity	Carton Weight
For Steel						
EDO450	10-16 x 1"	#2 Phillips	#3	Silver Stalgard	4,000	34
EDO460	10-16 x 1-1/2"	#2 Phillips	#3	Silver Stalgard	3,000	34
EDO470	10-16 x 2"	#2 Phillips	#3	Silver Stalgard	2,000	28
EDO735	12-14 x 1"	#2 Phillips	#3	Silver Stalgard	4,000	40
For Wood/Light Gauge Steel						
ETA850	10-12 x 1"	#2 Phillips	Pierce	Gray Stalgard	4,000	37
ETA855	10-12 x 1-1/2"	#2 Phillips	Pierce	Gray Stalgard	3,000	33
ETA860	10-12 x 2"	#2 Phillips	Pierce	Gray Stalgard	2,000	27
ETA870	12-11 x 1"	#2 Phillips	Pierce	Gray Stalgard	4,000	40

* Gray Stalgard coating is ACQ-compatible

Performance Data

Pull-Out Values (Lbs)

Diameter	Point Type	26 ga.	24 ga.	22 ga.	20 ga.	18 ga.	14 ga.	12 ga.
#10	#3	139	206	272	303	498	970	1495
#12	#3	142	214	296	349	580	1078	1553

Diameter	Point Type	1/2" Plywood	5/8" Plywood	3/4" Plywood	Yellow Pine	3/4" OSB
#10	Pierce	366	381	401	582	290
#12	Pierce	378	393	429	677	329

Shear values (Lbs)

Diameter	Point Type	20 ga.	18 ga.	16 ga.	14 ga.
#10	#3	301	503	710	969
#12	#3	775	1361	1624	1974

NOTE: All performance data shown is based on tests performed under laboratory conditions at independent construction testing facilities. The appropriate safety factor should be applied and code requirements factored into specification and use of these fasteners. A safety factor of 4:1 or 25% of the ultimate average values shown is generally accepted as an appropriate working load. Final determination of the appropriate safety factor and use of these fasteners is the sole responsibility of the user, specifying Engineer, Architect or other responsible person designing the connection. Due to a wide variety of application conditions or intervening factors not under our control, we assume no liability for the use of the information provided in this document.