

CertainTeed
FlintFast™

Fasteners and Insulation Adhesives



Fasteners

FlintFast® fasteners from CertainTeed are engineered to improve application efficiency and increase the strength of the mechanical attachment, providing top quality performance in commercial roofing systems. Fasteners are used in roofing applications for the attachment of roofing insulation (FlintBoard™) and base sheets.



#12 (DP) Drill Point

Application(s)	Metal (16 gauge or thinner)
Threads per inch/style	13 single lead
Head style	#3 Phillips
Use with	Metal plate
Material/Finish	Carbon steel/Tru-Kote™
Standard lengths	1-5/8", 2-1/4", 2-7/8", 3-1/4", 3-3/4", 4-1/2", 5", 6", 7", 8"
Approvals	FM, MD



#14 (HD) Heavy Duty

Application(s)	Metal (16 gauge or thinner) or wood
Threads per inch/style	13 single lead
Head style	#3 Phillips
Use with	Metal plate
Material/Finish	Carbon steel/Tru-Kote™
Standard lengths	1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6", 7", 8", 9", 10", 11", 12"
Approvals	FM, MD



#15 (EHD) Extra Heavy Duty

Application(s)	Metal (18 gauge or thinner) or wood
Threads per inch/style	13 single lead buttress
Head style	#3 Phillips
Use with	Metal plate
Material/Finish	Carbon steel/Tru-Kote™
Standard lengths	1-1/4", 2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12", 14", 16", 18", 20", 22", 24"
Approvals	FM, MD



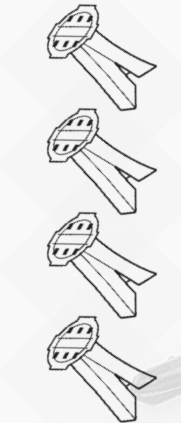
(PA) Pre-Assembled

Application(s)	Metal (16 gauge or thinner) or wood
Threads per inch/style	13 single lead
Head style	1/4" hex or #3 Phillips
Use with	Metal plate
Material/Finish	Screw – Tru-Kote™/Plate – Galvalume™
Standard lengths	1-5/8", 2-1/4", 2-7/8", 3-1/4", 3-3/4", 4-1/2", 5", 6", 7", 8"
Approvals	FM, MD



SIPLD Fasteners

Application(s)	Structural insulated panels and nail base panels
Threads per inch/style	10 single lead
Head style	Pancake head T-30 star drive
Use with	Metal plate optional
Material/Finish	Tru-Kote™
Standard lengths	3" – 18"
Approvals	FM



Base Sheet Fasteners

Twin Loc-Nail — Base sheet, recovery board and insulation to lightweight insulating concrete, structural wood fiber and poured gypsum	
Standard lengths	1.4", 1.8", 2.8", 3.8", 4.8"
Approvals	FM, MD
FM-75 — Base sheet to higher density lightweight insulating concrete, NVS Concrete and various gypsum roof decks	
Standard size	1.2" length, 2.7" diameter
Approvals	FM, MD, UL
FM-90 — Base sheet to lightweight insulating concrete and various gypsum roof decks	
Standard size	1.7" length, 2.7" diameter
Approvals	FM, MD, UL
FM-290 — Base sheet attachment to lightweight insulating concrete	
Standard size	2 legs 1.7" lengths; 2.4"x1.3" head
Approvals	FM, MD, UL

Galvalume™ Membrane and Insulation Plates

Insulation plates are used with virtually all types of insulation board used for roofing systems. Testing exceeds Factory Mutual I-60 or I-90 windlift specifications when properly installed on most insulation boards. Galvalume is a trademark of BIEC International, Inc.



Standard or Recessed Metal

Use with All steel deck fasteners
 Dimensions 3" round
 Material Galvalume®

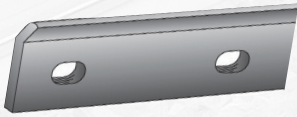


Barbed Seam

Use with All steel deck fasteners
 Dimensions 2" round, 2.4" round
 Material Galvalume™

Termination Bars

FlintFast termination bars are made from specially extruded aluminum without sharp edges. Termination bars come with holes either 6", 8" or 12" on center.



TB-75 termination

Feature Sealant ledge
 Thickness .075"
 Material Extruded aluminum



TB-90 termination

Feature Flat
 Thickness .090"
 Material Extruded aluminum

INSTA STIK™ Quick Set Roofing Adhesive

A single-component, moisture-cured polyurethane adhesive for attaching compatible roof insulation boards to roof decks and substrates. Simplest and most economical roof adhesive on the market, with the longest shelf life in the industry (15 months). It works well in a wide range of temperatures (33°F/0.55°C to 110°F/43°C).



- No special tools or training needed
- Lowest cost per square/Yield: 8-9 squares/tank
- No need to mix components and risk improper ratio
- Maintains adhesion during freeze/thaw cycles
- Maintains characteristics even after freeze/thaw
- No building height restrictions
- No puncturing of vapor retarders
- No asphalt penetration into building interior (steel deck)
- Maximizes wind uplift resistance
- No thermal conductivity, no odors, no noise pollution
- No VOCs, non-flammable
- Prevents shifting of insulation boards in high wind conditions in loose-laid and ballasted applications

For Estimate Only

Using the recommended application rate for both the field area and perimeter band area, you can then determine an estimated yield per tank of INSTA STIK Quick Set Adhesive.

Application ⁽¹⁾ Rate/in (mm) o.c.	Est. Yield Per Tank/ft ² (m ²)
6 (152)	400 (37)
9 (228)	600 (56)
12 (305) ⁽²⁾	800 (74)
14 (356) ⁽³⁾	930 (86)

(1) For recommended application rates, consult form no. 179-05053/178-00584.
 (2) Recommended for metal decks and boards >4' wide.
 (3) Recommended for boards >4' wide per Factory Mutual guidelines.

ADCO Millennium One Step™ Foamable Adhesive

Millennium One Step™ Foamable Adhesive is a highly elastomeric, one-step, all-purpose, foamable adhesive that contains no solvents, sets in minutes, and is designed for use with our patented application process. Our One Step™ application process eliminates error due to poor mixing. Application is quick and easy, resulting in significant labor savings for the contractor. No expensive specialty pumps or spray rigs are required.



Features	Benefits
Ready to use	Requires no mixing, reduces labor costs
No temperature restrictions	Suitable for all climates
One Step™ technology	Easy to apply
Solvent free	VOC free, no odors
Elastomeric	Remains flexible, absorbs stresses
Low rise foam	Accommodates minor surface irregularities
Replaces fasteners	Minimizes penetrations and deck corrosion

CertainTeed Full Systems



BUR (Built-Up Roofing)



APP Modified Bitumen



SBS Modified Bitumen



Self-Adhering SBS Modified Bitumen



Primer



Adhesive



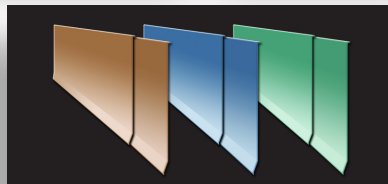
Coating



Repair



Fasteners



FlintEDGE™



Insulation

For more information on CertainTeed Commercial Roofing Products, go to www.certainteed.com.

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • FOUNDATIONS
GYPSUM • CEILINGS • INSULATION • PIPE

www.certainteed.com <http://blog.certainteed.com>

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