

ISO-TAK®

Thermal efficient fastening system
For attachment of membrane and insulation reducing thermal bridging



- Guards against fastener thermal bridging
- Ideal for low slope roof and cold storage construction
- Cost savings through energy conservation

- Lower cost alternative for attaching thick roof assemblies
- Factory Mutual approved

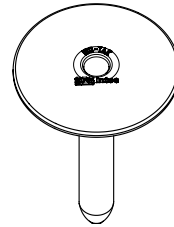
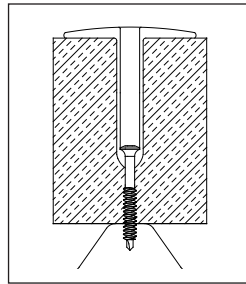
Applications

ISO-TAK System

Materials:

- #14 Dekfast fastener
- Polypropylene sleeve for insulation attachment
- Polyimide sleeve for membrane attachment

The combination of sleeve and fastener length will determine the minimum and maximum build-up thickness the system can accommodate, with a maximum thickness up to 18"



Fastener

Fastener Head: Countersunk head, drive T25
Fastener Head Dia: 0.358"
Thread Major Dia: 0.240"

Sleeve

Material: Polypropylene, PP
Plate Dia: 3" Round
Shank Dia: 0.590

Pull-out (lbs. avg.):
22 ga: 573
20 ga: 660
18 ga: 1005

Notes

Dimensions are nominal inches unless noted. Ultimate values listed are the result of laboratory testing. Pull-out (pounds ultimate) strength values may vary from tabulated loads depending upon the uniqueness of the application. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

Selection

Fastener Length	Fastener Part No.	Carton Wt. (lbs)	Carton Qty.
2-3/8"	1185063	9	500
4"	1185059	14	500
6"	1193134	21	500
8"	1193137	28	500

Sleeve Length	Sleeve Part No.	Carton Wt. (lbs)	Carton Qty.
4-1/8"	1037836	23	500
5-1/4"	1037838	26	500
6-1/2"	1037839	13	250
8-7/8"	1037842	16	250
10"	1037843	18	250
11-1/4"	1037844	15	200

Approvals

Dekfast fasteners are Factory Mutual approved for attachment of insulation board to roof deck. Refer to FM Approval Guide and Supplements for current FM approved insulation fastening patterns. ISO-TAK fasteners exceed Factory Mutual corrosion-resistance Standard 4470.

Installation

The ISO-TAK Fastening System has been developed in close collaboration with leading Scandinavian roofing contractors as a solution to the problems associated with thermal bridging. For ease of installation, special drive shafts and driving tools are available.

Options

Installation Tools

