

Deklite™

Nylon reinforced fiberglass auger

For lightweight roof decks: lt. wt. concrete, Tectum™, and gypsum, for insulation and membrane attachment

- Deklite tapered root progressively compacts the material making the deck denser around the root, increasing pull-out values.
- Auger locks to plate upon installation.

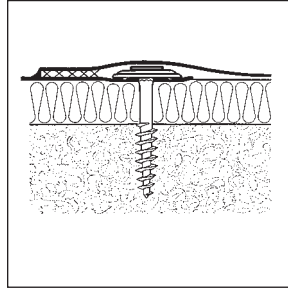
- Tapered design also yields 70% more surface area leading to a greater holding power.



Application

Deklite Non-penetrating Nylon Fastener

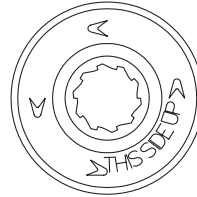
Materials:
Lightweight insulating concrete, poured gypsum, gypsum plank, Tectum
Min penetration: 1-1/2"



Head OD: 1"
Head Height: 1/8"
Insert Size: 1/4" square drive
Fixture Clearance Hole: 5/8"
Fixture clearance holes are needed only when plywood or other rigid materials are fastened to a roof deck.

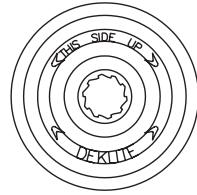
Deklite Galvalume Steel 2" Round Seam Plate

OD: 2"
Thickness: .032"
Finish: AZ55 Galvalume



Deklite Galvalume Steel 3" Round Insulation Plate

OD: 3"
Thickness: .017"
Finish: AZ55 Galvalume



Notes

Dimensions are nominal inches unless noted. Due to density differences in light weight insulating concretes, Tectum, and gypsum type roof decks, conducting field pull-out testing is recommended.

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Selection

Length	Part No.	Carton Wt. (lbs)	Carton Qty.	Skid Qty.
2"	N2008	14	500	31,500
2-1/2"	N2010	15	500	22,500
3"	N2012	17	500	22,500
3-1/2"	N2014	18	500	22,500
4"	N2016	19	500	13,500
4-1/2"	N2018	21	500	13,500
5"	N2020	22	500	9,000
5-1/2"	N2022	23	500	9,000
6"	N2024	25	500	9,000
6-1/2"	N2026	26	500	9,000
7"	N2028	14	250	6,750
7-1/2"	N2030	15	250	6,750
8"	N2032	16	250	6,750
8-1/2"	N2034	17	250	6,750
9"	N2036	17	250	4,500
9-1/2"	N2038	17	250	4,500
10"	N2040	18	250	4,500
11"	N2044	19	250	4,500
12"	N2048	21	250	4,500
13"	N2052	22	250	4,500

Deklite Stress Plates

Length	Part No.	Carton Wt. (lbs)	Carton Qty.	Skid Qty.
2" Stress Plate	M7580	18	500	4,500
3" Stress Plate	M7585	18	500	4,500

Performance

Base Material	Pre-Drill	Embedment	Tension Load
Tectum Deck	—	1-1/2"	280 lbs
Tectum Deck	—	2"	440 lbs
Tectum Deck	—	2-1/2"	595 lbs
3" Insulrock	5/16"	2-1/2"	365 lbs
Poured Gypsum	3/8"	2"	540 lbs

Notes: Load capacities are based on testing conducted according to ASTM Standard E 488. Test data above represent average ultimate loads sustained in the materials indicated and should be used as guidelines only. Job site tests are recommended. Tectum is a registered trademark of Tectum, Inc.

Approvals

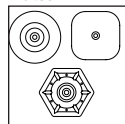
Deklite fasteners and plates are Factory Mutual approved for the attachment of insulation board and/or roof cover to roof deck.

Installation

Tools: Impact wrench or hammer drills in the hammer mode.

Options

Insulation Plates



Membrane Plates

