

Nylon Reinforced Fiberglass Auger Deklite™ DL-SQ1/4



Features and Benefits

- 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
- 1/4" square drive
- Non-penetrating

Application

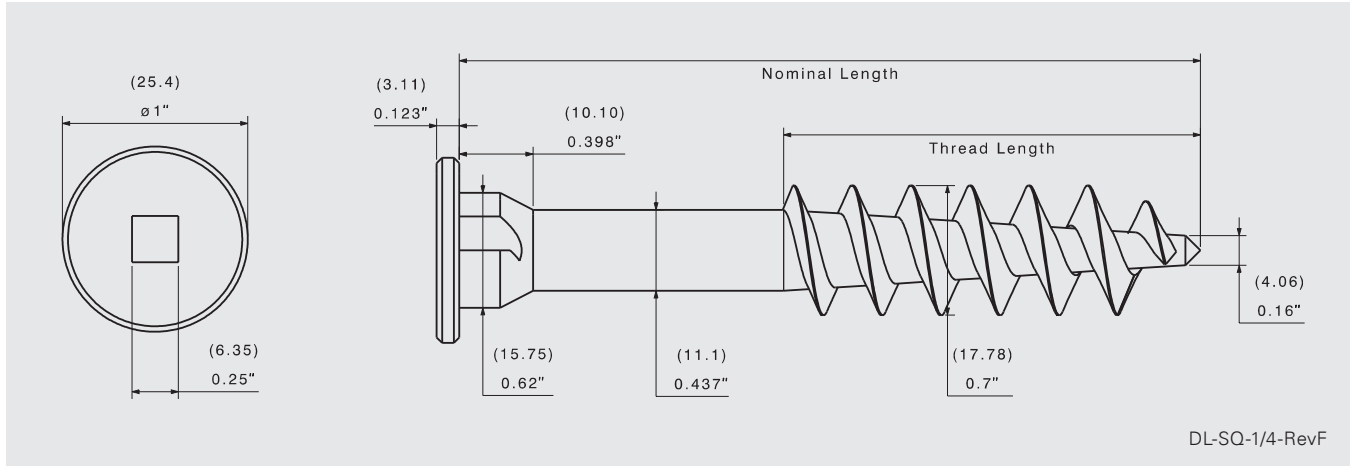
Insulation and membrane attachment when used with Deklite™ stress plates. For lightweight roofdecks: lightweight concrete, Tectum and gypsum

Product Selection

Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
792776	2"	1-1/2"	DLx2-SQ1/4-B	14	500
792778	2-1/2"	2"	DLx2-1/2-SQ1/4-B	15	500
792780	3"	2-1/2"	DLx3-SQ1/4-B	17	500
792782	3-1/2"	2-1/2"	DLx3-1/2-SQ1/4-B	18	500
792784	4"	2-1/2"	DLx4-SQ1/4-B	19	500
792786	4-1/2"	2-1/2"	DLx4-1/2-SQ1/4-B	21	500
792788	5"	2-1/2"	DLx5-SQ1/4-B	22	500
792790	5-1/2"	2-1/2"	DLx5-1/2-SQ1/4-B	23	500
792792	6"	2-1/2"	DLx6-SQ1/4-B	25	500
792794	6-1/2"	2-1/2"	DLx6-1/2-SQ1/4-B	26	500
792796	7"	2-1/2"	DLx7-SQ1/4-B	14	250
792798	7-1/2"	2-1/2"	DLx7-1/2-SQ1/4-B	15	250
792800	8"	2-1/2"	DLx8-SQ1/4-B	16	250
792802	8-1/2"	2-1/2"	DLx8-1/2-SQ1/4-B	17	250
792804	9"	2-1/2"	DLx9-SQ1/4-B	17	250
792806	9-1/2"	2-1/2"	DLx9-1/2-SQ1/4-B	17	250
792807	10"	2-1/2"	DLx10-SQ1/4-B	18	250
792809	11"	2-1/2"	DLx11-SQ1/4-B	19	250
792810	12"	2-1/2"	DLx12-SQ1/4-B	21	250
792811	13"	2-1/2"	DLx13-SQ1/4-B	21	250

*Note – Thread length measured from tip of the drill point to end of the threads.

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DL-SQ-1/4-RevF

Performance Data

Base Material	Pre-Drill	Embed Depth	Tension Load
Tectum Deck	–	1-1/2" (38 mm)	280 lbf / 1246 N
Tectum Deck	–	2" (51 mm)	440 lbf / 1957 N
Tectum Deck	–	2-1/2" (64 mm)	595 lbf / 2647 N
3" (76 mm) Insulrock	5/16" (8 mm)	2-1/2" (64 mm)	365 lbf / 1624 N
Poured gypsum	3/8" (10 mm)	2" (51 mm)	540 lbf / 2402 N

*Load capacities are based on testing conducted according to ASTM Standard E 488. Test data above represents 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.

Installation and Application Considerations

Must be used with Deklite stress plate. Fixture clearance hole: 5/8". Fixture clearance holes are needed only when plywood or other rigid materials are fastened to roof deck.

Minimum penetration into deck material: 1-1/2"

Due to density differences in lightweight insulating concretes, Tectum, and gypsum type roof decks, conducting field pull out testing is recommended. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

Tools: Impact wrench or hammer drills in the hammer mode.
The standard carton package includes one 1/4" square drive bit.

Use with:

- Lightweight insulating concrete
- Poured gypsum or gypsum plank
- Tectum