



# TIE MAX

## QUESTIONS & ANSWERS

**1. I have used a similar product and had problems getting the anchor to screw out of the concrete.**

- *TIE MAX does not require the extra labor of screwing the anchor from the concrete pour. TIE MAX is designed to be installed with the threaded portion of the anchor above the concrete.*

**2. I have used a similar product and had problems with the anchor being crooked in the concrete.**

- *TIE MAX has eliminated the problem of "off-center" (crooked) embedment by employing the use of a reusable anchor hanger. This hanger eliminates all lateral (side to side) movement of the anchor during the pour. TIE MAX can also be wet set after the pour and will not shift or sink if it remains undisturbed until concrete has set.*

**3. I have used a similar product and found it to be too complicated to install.**

- *TIE MAX is designed for the contractor! It is designed for easy installation and clear defined blueprint layouts. No more guessing as to where the anchor should be placed! (General spacing charts can be found in the TIE MAX spec. book.)*

**4. I used a similar product before and found that my local building official would not approve.**

- *TIE MAX is taking a proactive stance with all building departments (state, county, and city). TIE MAX has been approved for use by the Florida Building Commission and received a Florida Product approval # FL1566. If you should encounter any resistance in your particular area, we will take immediate action to resolve any problems.*

**5. How do I know if I have the right amount of embedment depth?**

- *TIE MAX is designed to insure proper depth of embedment. Simply set to the threads. This will insure full seven (7) inches of embed and leave three and one half (3 1/2) inches of threads above the concrete.*

**6. I have used a similar product in the past; however I am now told that it has no shear.**

- *TIE MAX was designed to have a shear value at point of uplift. We achieve this goal by using a 5/8-inch diameter by 7-inch anchor. TIE MAX's shear values are:*

- Maximum allowable: 5,343 lbs.
- Allowable shear at uplift: 4,161 lbs.

**7. Why should I change to TIE MAX from using brand X?**

- *TIE MAX is a superior system to anything that is currently on the market. Ease of installation, CADD designed blue prints, trained support staff, and lower price.*

**8. Does TIE MAX have Building Code approval?**

- *TIE MAX has compliance listing with the Southern Building Code Congress Inc. (SBCCI) report # 9916B and Florida Product Approval # FL1566. Should additional approvals be needed for your particular area, we will make every effort possible in securing that documentation.*

**9. What do I do if the anchor is placed in the wrong place during the concrete pour?**

- *TIE MAX's compliance includes a fix to just such a problem. When the TIE MAX system was being designed, we included laboratory testing of an epoxy retrofit for misplaced anchors. The retrofit has 3349 lbs. uplift on edge and 4943 lbs. uplift on field. . The only approved epoxy for such retro fitting is RAWL POWER-BOND and POWERFAST that must be supplied by TIE MAX to insure product integrity and freshness. TIE MAX location may be moved 8" in either direction with additional engineering being required.*

**10. What if the uplift requirements are higher than what you can provide with a threaded rod system?**

- *TIE MAX has the highest uplift values of any threaded rod or cable system on the market today. We achieve this by using our tested anchor design, which will provide 5,585 lbs. of uplift on the edge of the concrete and up to 8,377 lbs. of uplift in the field of the concrete. If higher uplift values are needed, install additional TIE MAX systems.*

**11. I have used similar products in the past and found that I always have product left over.**

- *TIE MAX wants you to have an enjoyable experience with our product and we will make every effort to insure that the proper quantities are specified for your project. TIE MAX eliminates this by using CADD design to prepare true project requirements. TIE MAX has also added additional rod lengths to meet most job requirements.*

**12. I have used a similar product in the past, and found that I always run short of product.**

- *TIE MAX can not guarantee that you don't run short of product on the job site due to everyday loss and damage to inventory. We can, however, insure that we ship what you order when you order it.*

**13. Can anybody become a TIE MAX dealer?**

- *TIE MAX supports free enterprise. This means we will not sell to anyone who does not have a valid business that deals in construction materials. We do not sell contractor direct!*

**14. There is no profit in TIE MAX.**

- *TIE MAX's price structure is the same for all dealers. We do not suggest a standard retail price to allow flexibility in pricing to each dealer.*

**15. Your competition says that TIE MAX uses inferior materials.**

- *TIE MAX uses only certified materials that meet all product specifications, as set forth in our SBCCI compliance. All TIE MAX components are manufactured under the strictest quality assurance procedures and bears lot or batch numbers on packaging labels.*

**16. Can I buy other vendors nuts, washers, couplers, and rod at a lower cost and use them with the TIE MAX system?**

- *TIE MAX is a Structural Tie-Down SYSTEM. To insure product continuity and maintain insurance liability, all components must be purchased from TIE MAX.*

**17. Can I buy in volume and get a better price?**

- *TIE MAX appreciates your buying power and your market share and has developed a bulk pricing program that is available to all of our dealers.*

**18. Why do I have to supply the truss plans for my project?**

- *TIE MAX can be and is designed to the uplift values created by the trusses. When the trusses have been designed and uplift values have been assigned, value engineering can be accomplished to provide the optimum TIE MAX layout to insure a safe building.*

**19. Do I still need straps and ties?**

- *TIE MAX provides a continuous path from the foundation to the top plate to secure the building from wind uplift load. You will still need to secure trusses and gable ends with conventional straps and ties.*

**20. What is my cost per unit?**

- *TIE MAX has an ever-growing dealer network. Please contact your local dealers for a price quote.*

**21. How fast can I get my plans converted?**

- *TIE MAX offers plan conversions on a first come, first serve basis. Most of the time, conversions are done within ten (10) business days provided all necessary information is submitted. Our ultimate goal is to assist your architect and engineer in loading TIE MAX in the original plans. (Standard details are available on the TIE MAX website.)*

**22. I don't need to stock TIE MAX.**

- *TIE MAX is a new product to the market and we realize that your inventory dollar is very important; however you need to stock an assortment of anchors and fasteners to accommodate your customer. Does this sound familiar? "I'm pouring tomorrow at 6:00 a.m. I must have product today!"*

**23. Why is TIE MAX so much better than conventional straps and ties?**

- *TIE MAX has less hardware to be installed.*
- *Cleaner drywall installation due to no strap humps. TIE MAX is in the wall, not on it.*
- *Cleaner and straighter trim. No straps to work around.*
- *TIE MAX secures the structure from the double top plates to the foundation via steel threaded rod. Straps and ties accomplish the same via the wood members with nails holding the straps to the structure.*
- *TIE MAX is held to a much higher tolerance than conventional straps and ties. Straps are typically allowed a tolerance of a 1/8" per strap and TIE MAX is held to .04" of wood crush at the top plate washer. TIE MAX is a complete threaded rod system from the top plate to the foundation and strap systems may require many systems of straps to wood connections, making the TIE MAX system a much better choice.*

**24. Can TIE MAX be used on shear walls?**

- *TIE MAX can be used on ANY shear wall and offers superior hold down with less material and labor.*

**25. Straps and ties create an occurrence known as "wood blow out", does TIE MAX eliminate this problem?**

- *TIE MAX does not require nails to be used to install the product. Wood blow out is due to all the nails required to hold a strap to the structure.*