



**PRODUCTS**

Division of Sierra Corporation

# TK-ANCHORING CEMENT

Meets Federal EPA's VOC Requirements

## Technical Data

### 1. PRODUCT NAME:

TK-ANCHORING CEMENT

### 2. MANUFACTURER

TK PRODUCTS, DIVISION OF SIERRA CORPORATION  
11400 West 47th Street  
Minnetonka, MN 55343  
952-938-7223  
952-938-8084 (FAX)  
E-mail: tkproduct@AOL.com  
Website: http://www.tkproduct.com

### 3. PRODUCT DESCRIPTION

TK-ANCHORING CEMENT is a pourable, fast setting, waterproof, non-shrinking, hydraulic anchoring cement which gives a rock hard anchor for any items needing anchoring. As it hardens, it expands to fill all voids and locks itself securely in place.

#### Uses:

For use on heavy machinery, reinforcing rods, anchor bolts, lamp posts, signs, hand railings, fences, mail box posts and other items needing anchoring. Can be used both interior and exterior.

#### Advantages:

- Quick setting
- Self locking
- Rock hard
- Non-shrinking
- Stronger than concrete
- Easy to use

### 4. TECHNICAL DATA

*Compression Strength:* 4750 PSI. in 7 days.

*Set Time:* 15 minutes, stronger than concrete in 1 hour.

*Coverage:* 1 pound will fill 14 cubic in., 125 lbs. will fill 1 cubic ft.

-VOC Compliant - this product is compliant because it is not currently being regulated by the EPA.

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

#### Mixing:

*Pourable Consistency:* Approx. 1 gallon clean water per 50 lbs. of TK-ANCHORING CEMENT.

*Putty Consistency:* Approx. 1 1/4 gallon clean water per 50 lbs. of TK-ANCHORING CEMENT.

#### Mix only what can be used in 10

minutes. Mix only for 1-2 minutes. Excess water may result in failure to attain proper strength.

*Cold Weather Application:* Warm product to over 50 degrees F. and use warm water for mixing. Pre-heat hole before application.

#### Anchoring In Vertical Surfaces (Putty Consistency):

Fill hole with putty like cement first, then tamp bolt or rod into place. Repack around bolt. Let stand a few minutes before smoothing out the surface with a putty knife. Let harden for 30 minutes: then sprinkle with water. For best results allow anchor to sit overnight before weight is applied.

#### Anchoring In Horizontal Surfaces (Pourable Consistency):

Drill or chisel hole in concrete, brick or stone at least 3' deep. Hole should not be tapered. For added strength "mushroom" the base of the hole. Low quality concrete will require a deeper hole. Blow out all dust and loose material and flood hole

Table specifies the minimum diameter of hole drilled for the diameter of bolt to be placed Also the minimum depth of hole (weaker concrete will require a deeper hole).

Diameter of Bolt or Anchorment	Diameter of Drilled Hole	Minimum Depth of Hole	Quantity of Material Needed
1/4"	3/4"	2"	1 oz.
3/8"	1 1/4"	3"	4 oz.
1/2"	1 3/4"	4"	10 oz.
5/8"	2"	5"	1 lb.
3/4"	2 1/2"	6"	2 lbs.
1"	3 1/2"	8"	5.2 lbs.
1 1/4"	4 1/4"	12"	11.2 lbs.

The side of the hole should not be smooth, the depth of the hole should be determined by the quality of the concrete. The quantities given in the table above are for estimating purposes.

TK-ANCHORING CEMENT  
Hydraulic Anchoring Cement

PRODUCTS  
3



PRODUCTS  
3

TK-ANCHORING CEMENT  
Hydraulic Anchoring Cement

with water. Scrub side and bottom with stiff brush and blow or vacuum excess water out of hole. Provide washers on anchor bolts before placing in hole. Place bolt in hole and fill with TK-ANCHORING CEMENT. Be sure to taper TK-ANCHORING CEMENT up and around bolt or rod about 1/4" above surface of concrete to avoid a trap or will where water and dirt may accumulate.

## 6. AVAILABILITY

TK-ANCHORING CEMENT is packaged in 10 pound (1 gallon) and 50 lb. (5 gallon) plastic pails.

## 7. LIMITED WARRANTY

TK Products, a division of The Sierra Corporation, warrants that its products conform to their label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of its products by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. SHOULD ANY OF ITS PRODUCTS FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCTS OR, AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF THE PRODUCTS OF TK PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of its products unless specifically authorized by TK Products in writing. See also TK PRODUCTS DISCLAIMER section below.

## 8. TECHNICAL SERVICES

The TK office offers assistance with specifications, performance test data and field services.

## 9. FILING SYSTEMS

Information Handling Services  
PO BOX 1213  
Englewood, CO 80150  
Information Marketing Services  
13271 Northend  
Oak Park, MI 48237

### TK DISCLAIMER:

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the products. Where there is any question as to the suitability of a particular product, a small test patch is recommended. See also LIMITED WARRANTY (Section 7) above.

### FOR INDUSTRIAL USE ONLY

3/00