



PRODUCTS

Division of Sierra Corporation

TK-WATERPLUG

Meets Federal EPA's VOC Requirements

Technical Data



PRODUCTS
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TK-WATERPLUG

Concrete/Masonry Hydraulic Compound

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1. PRODUCT NAME:
TK-WATERPLUG

2. MANUFACTURER
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OF SIERRA CORPORATION
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3. PRODUCT DESCRIPTION:
TK-WATERPLUG is a cement based, quick setting, hydraulic compound which stops running water or seepage through concrete or masonry walls and floors. It expands when set and locks in place to block flowing water in 3 to 5 minutes. TK-WATERPLUG requires only the addition of clean, potable water. The lower the temperature of the mixing water the slower the set. The hotter the mixing water the faster the set.

Uses:

Wall and floor junctions, pipes, sleeves, swimming pools, elevator pits, tunnels, sewers, tanks, mines, etc. Also can be used as a grouting or anchoring compound and a quick setting patching material.

Advantages:

- Sets fast, 3-5 minutes
- Expands as it sets
- Stops water instantly
- Non-metallic, will not rust
- Nontoxic when cured

4. TECHNICAL DATA

Set Time: 3-5 min. (hot water mix)

Compressive Strength: 1 day - 900 psi, 7 days - 3750 psi, 28 days - 5850 psi.

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

5. APPLICATION PROCEDURES AND INSTRUCTIONS

Remove all loose or unsound material and enlarge hole to 3/4 inch minimum. Always undercut or square cut the opening, never "V" cut. This allows the TK-WATERPLUG to lock into place as it expands while setting. All dirt, mildew, oil or other foreign matter that would inhibit adhesion must be removed. Moisten the concrete or masonry surface before application.

Mixing:

Mix only the amount of material that can be used within 5 minutes. Do not retemper. Hot water will quicken the set time. If the substrate is cold, warm first. For best results mix one part water to four parts TK-WATERPLUG. Consistency should be stiff but thoroughly mixed with no material left dry.

Application:

After mixing is completed, quickly apply material. Hold in place for 3 minutes when plugging a hole with actively flowing water.

Coverage:

One lb. fills approx. 18 cubic inches or a crack 3/4" deep, 3/4" wide, 2 ft. 8 in. long.

Clean Up:

Clean all tools with water before mixture hardens.

Precautions:

Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with water.

If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention.

6. AVAILABILITY

TK-WATERPLUG is packaged in 12# (1 gal.) containers (4/case) and 60# (5 gal.) pails.

7. LIMITED WARRANTY

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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

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