

TK-HYDRO SEAL

Concrete Foundation Crack Repair Kit

Item No. TK-HYDRO SEAL

PRODUCT DESCRIPTION

TK-HYDRO SEAL is a flexible, hydrophobic, polyurethane, two-component cartridge system used to repair cracks, joints, and to prevent water leakage in concrete foundation walls. The HYDRO SEAL kit includes everything needed to quickly and easily repair 8-10 linear feet of cracks.

Features:

- Permanently stops leaks.
- Travels into the crack and through the foundation for a complete seal.
- Works on even the smallest of cracks.
- Easy to use and convenient cartridge packaging requires no mixing or guesswork.
- Complete repair in just 1 hour.
- Suitable for repairs in confined spaces where larger pump injection is not practical.

USES:

Suitable for commercial or residential use to repair concrete foundation walls in basements, garages or other parking structures.

APPLICATION PROCEDURES:

PREPARATION:

Recommended application temperature is between 55°F - 90°F (12.8°C - 32.2°C). Concrete/wall temperatures may alter the reaction time of TK-HYDRO SEAL when injected. Colder concrete/walls will extend the reaction time, whereas warmer concrete/walls will shorten the reaction time. Reaction time may be accelerated by heating the material prior to application.

MIXING:

The material is supplied ready to use and requires no premixing.

APPLICATION:

TK-HYDRO SEAL is dispensed using a standard two-component caulking gun equipped with a static tube mixer. Hand, battery or air-operated guns are also an acceptable means of application.

CLEAN UP:

All spills should be disposed of by absorbing with an inert material and transferring into an open top drum. Do not seal the waste drum for 24 hours in order to allow TK-HYDRO SEAL to fully react. Dispose of in accordance with state and local regulations.

MAINTENANCE/MATERIAL STORAGE:

Cartridges should be stored at temperatures between 60°F - 120°F (15°C - 48°C). Opened cartridges should be used in a timely manner to avoid gelling of the material in the cartridge or static mixer nozzle. Refer to this product's Safety Data Sheet for further information regarding these materials.

TECHNICAL DATA

Table 1. Physical Properties of Uncured Materials

	Part A	Part B	Test Method
Color:	Pale Yellow	Brown	Visual
Specific Gravity:	1.04	1.044	ASTM D891
Viscosity @ 77°F:	196 centipoises	170 centipoises	ASTM D 4878
Storage Stability:	12 months	12 months	n/a
Corrosiveness:	Non-corrosive	Non-corrosive	n/a
Flash Point:	390°F	> 300°F	n/a

Table 2. Physical Properties of Cured Materials

	TK-HYDRO SEAL	Test Method
Tensile Strength:	55 psi	ASTM D412
Elongation:	140%	ASTM D412
Die-C Tear:	8 pli	ASTM D624
Pot Life @ 77°F:	10 minutes	n/a
Shrinkage by Weight:	1-2%	in-house
Shrinkage by Volume:	2-12%	in-house
Density:	60 pcf	in-house
Toxicity:	non-toxic	n/a

LIMITATIONS:

- This product should be used within one year of its manufacture date, which can be located on the TK-HYDRO SEAL box.

PRECAUTIONS:

This product is intended to be used by trained professionals with the proper equipment. The following safety measures should be followed:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction, and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water. Never wash skin with a solvent.
- Persons experiencing difficulty breathing, or showing an allergic reaction while working with these materials should seek fresh air immediately and consult a physician if symptoms persist.

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-HYDRO SEAL is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in a complete kit to repair 8-10 linear feet of cracks.

Additional cartridges, surface ports and accessories sold separately. Contact your representative for availability.

FOR PROFESSIONAL USE ONLY

03/17 Last Rev. 05/15

CONDITIONS OF SALE/ LIMITED WARRANTY

TK Products, division of the Sierra Corporation, warrants that its products conform to the 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 TK Products' product by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. There are no warranties except as stated herein, either express or implied, including implied warranties of merchantability or fitness for a particular purpose. SHOULD ANY TK PRODUCTS' PRODUCT FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF TK PRODUCTS' 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.

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 CONDITIONS OF SALE/ LIMITED WARRANTY (Section 7) above.



TK Products Construction Coatings

11400 West 47th Street Minnetonka, MN 55343
800-441-2129 toll free | 952-938-8084 fax | www.tkproducts.com