



# 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.

#### LIMITATIONS:

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

### 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

#### 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

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