

Overview

DuraTite Plug is a fast-acting hydraulic cement plug that, when mixed with water, is used to stop actively flowing water and repair leaking cracks, holes, and joints. **DuraTite Plug** uses a powerful crystalline formula that adheres to wet surfaces to create a water tight seal. It reacts with water and un-hydrated cement particles and forms insoluble needle-shaped crystals that fill capillary pores and micro-cracks.

PRODUCT PROPERTIES

- Appearance – Gray powder
- Bulk density – 1.4 lbs/ft³
- Initial setting – 30 seconds
- Final strength – 28 days
- Water – 40%

Performance Characteristics

- Plugs and stops active water leaks
- Seals leaking joints
- Sets in approximately two minutes after mixing
- Durable
- Can be mixed with water or used dry
- Easy to apply
- No volatile organic compounds

LIMITATIONS

DuraTite Plug is for rigid structures and may not seal cracks that experience variable loading or repeated movement.

PACKAGING

DuraTite Plug is sold in 26 lbs. (12kg) pails

SHELF LIFE & STORAGE

Store as for cement, in dry, cool conditions. When properly stored in a dry cool place in unopened and undamaged original packaging, shelf life in 24 months.

Safe Handling Information

DuraTite Plug contains cement, which is alkaline. It will irritate eyes and skin and may cause skin sensitization. Wear appropriate eye, skin, and breathing protection when using this product. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. It is recommended to wear gloves because there is a strong exothermic reaction that may irritate the skin.

APPLICATION

Basic Requirements

To avoid waste, only small quantities of DuraTite Plug should be mixed. Mix 2.5 quarts DuraTite Plug into 1 quart water, not the reverse (2.5 parts powder and 1 part water). Stir the mixture until it reaches the consistency of a putty-like paste. After mixing, apply DuraTite Plug to the appropriate area immediately.

DuraTite Plug dries quickly, so only small quantities should be mixed at a time and should be applied immediately.

Application Method

Form a wedge and force it into the leak with your hands (wear gloves) or tools. Hold the plug firmly until set, approximately 30 seconds. After the leak has stopped, prime the area with a coating of DuraTite Plug and fill the remaining void with DuraTite Repair Mortar. Remove excess material and, after a light wetting, apply a final coat of DuraTite Plug. After the leak has ceased, prime surface with DuraTite Foundation and fill remaining space with DuraTite Repair Mortar. Wet the surface, and apply another coat of DuraTite Foundation.

PERFORMANCE TIMELINE

The product will harden within two minutes and be at final strength within twenty-eight days.

Clean Up

Wash skin and hands with soap and water. Cured material must be scraped away. Be sure the container and lid is closed and tightly sealed. Store in a cool, dry place.

- For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco's Technical Department at technical@alchemco.com or call 800-610-2895.

WARNINGS



CHEMTREC (US): 1-800-424-9300

DANGER! TOXIC IF SWALLOWED

This product contains cement which is alkaline and may be harmful if swallowed. Wash hands, face and any exposed skin thoroughly after handling. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wear appropriate eye, skin, and breathing protection when using this product. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For further information please refer to Safety Data Sheet. **KEEP OUT OF REACH OF CHILDREN.**

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth.

See Safety Data Sheet for further details regarding safe use of this product. Alchemco, 3532 MAYLAND CT, Henrico, VA 23233 800-610-2895



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WARRANTY DISCLAIMER

Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.