

DESCRIPTION:

Plug Tite™ is a pre-blended mix of fine aggregate and hydraulic cement. Plug Tite™ is a fast-setting, non-metallic water plug.

USES:

Plug Tite™ is recommended for stopping the flow of water through breaks in masonry surfaces, construction faults and holes. It sets in minutes after application and stops the water flow immediately.

PROCEDURES: PREPARATION:

All surfaces to be in contact with Plug Tite™ must be entirely free from oil, grease or any other foreign substances which interfere with the bond and chemical action of the material. Slick or sealed surfaces must be thoroughly roughened.

MIXING:

Add 1.13 litres (1.19 US Quarts) of water per 5 kg of Plug Tite™. Mix quickly with water to a putty or heavy troweling consistency. Due to the setting time of 3 to 5 minutes, mix only enough required for immediate use.

NOTE: Hot water accelerates and cold water retards setting time.

PLACEMENT:

ACTIVE LEAKS: (presence of flowing water through surface break).

Approximately 2-1/2 to 3 minutes after water addition, the mixture will become warm to the touch, which indicates it is beginning to set. At this time, force Plug Tite™ into the opening with the palm of your hand. Hold in place 3 to 5 minutes, assuring a complete set and sufficient bond to stop the flow of water. The repaired area may be smoothed and trimmed to the surrounding area in approximately 5 minutes.

INACTIVE LEAKS:

Soak thoroughly the area to be patched. Apply with knife or trowel, smoothing the patch with the surface.

CURING:

No special curing required

PAINTING:

Plug Tite™ is paintable when dry. It should be fully cured and dry before painting.

TECHNICAL DATA:

The data outlined below is representative of typical values achievable under controlled laboratory conditions.

Results obtained in the field may vary from those stated.

	TEST METHOD	VALUE
Flow @ 1 minute	ASTM C1107	100% (flow table)
Setting Time	ASTM C266 modified	
Initial Set		2 to 5 minutes
Final Set		6 to 10 minutes
Compressive Strength	ASTM C109 modified	
1 hour		6 MPa (870 psi)
7 day		20 MPa (3000psi)
28 day		24 MPa (3500psi)
Density	ASTM C1107	2139 kg/m ³

YIELD:

One 25 kg (55 lbs.) tub yields 0.014 cubic meters (0.51 cu.ft).

LIMITATIONS:

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per tub will result in inferior physical properties.

PACKAGING:

Plug Tite™ is packaged in 2 kg (4.4 lb), 4.5 kg (9.9 lb) and 25 kg (55 lb) plastic resealable tubs. All Basalite Dry Mix can be custom packaged to meet specific project requirements. Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

SAFETY PRECAUTIONS:

Plug Tite™ contains Portland cement. Normal safety wear such as rubber gloves, dust masks and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheet is available at www.basalite.ca.