

**DESCRIPTION:** Aqua Tite<sup>™</sup> is a pre-blended mix of fine aggregate and hydraulic cement. Aqua Tite<sup>™</sup> is a fast-setting, non-metallic water plug.

**USES:** Aqua Tite<sup>™</sup> is recommended for stopping the flow of water through breaks in masonry surfaces, construction faults and holes.

**PROCEDURES: PREPARATION:** All surfaces to be in contact with Aqua Tite<sup>™</sup> 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 Aqua Tite<sup>™</sup>. 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** (the presence of flowing water through a 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 Aqua Tite<sup>™</sup> 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.

**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 min	ASTM C1107	100% (flow table)
Setting Time: ASTM C266 modified		
Initial set		2-5 minutes
Final set		6-10 minutes
Compressive Strength:	ASTM C109 modified	
1-Hour		6 MPa (870 psi)
7-Day		20 MPa (3000 psi)
28-Day		24 MPa (3500 psi)
Density:	ASTM C1107	2139 kg/m <sup>3</sup> (134 Pcf)

**YIELD:** One 25 kg (55 lb) tub yields 0.014 cubic metres (0.51 cubic feet).

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

**PACKAGING:** Aqua Tite<sup>™</sup> 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.

**SAFETY PRECAUTIONS:** Aqua Tite<sup>™</sup> 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. Material Safety Data Sheets are available upon request.