

DESCRIPTION: DUCT GROUT is a cementitious expanding void grout which contains Portland cement, pozzolanic admixtures and a bentonite additive to enhance pumpability and reduce bleeding and segregation. DUCT GROUT's carefully selected ingredients provide a quality low density grout fill.

USES: DUCT GROUT is ideal for grouting under concrete slabs or bulk heads and behind tunnel or sewer liners to fill voids where low compressive strength grout is required. It can be used over a wide range of temperatures.

PROCEDURES: It is recommended that DUCT GROUT be mixed with up to a maximum of 9.7 liters of water for a minimum of 5 minutes in a high shear mixer prior to placing or pumping. Any standard piston, diaphragm, plunger of progressive cavity type cementitious grout pump may be used. A minimum hose diameter of 25mm (1 inch) is recommended.

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.

LIMITATION: Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties. DUCT GROUT can be mixed and placed between 4°C and 30°C. Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

PACKAGING: DUCT GROUT is packaged in 30kg (66lb) triple-lined paper bags. All Basalite Dry Mix can be custom packaged to meet specific project requirement.

SAFETY PRECAUTIONS: DUCT GROUT contains Portland cement, pozzolan and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheets are available at www.basalite.ca.

	Test Method	Pumpable	
W/C		0.33	
Water per 30kg		9.7 liters	
Working Time		2 hrs	
Flow		20-30 seconds	
Expansion		1-2%	
Bleeding	CSA A23.2 - 1B	Nil	
Segregation		Nil	
Density: kg/m ³ (pcf)		1813 (113)	
Yield: m ³ /bag (ft ³ /bag)		0.022 (0.77)	
Compressive Strength: MPa (psi)	CSA A23.2 - 1B		
	<u>Moist cured at 23°C</u>	<u>Cured at 5°C</u>	
	7d	2.5 (363)	0.5 (73)
	28d	5 (725)	1.5 (218)