



## CONTACT GROUT - UNSANDED

A CEMENTITIOUS VOID GROUT

**DESCRIPTION:** CONTACT GROUT - UNSANDED is a cementitious expanding void grout which contains normal Portland cement, pozzolanic admixtures and other carefully selected additives. It also contains a silica fume admixture to enhance pumpability and reduce bleeding and segregation.

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**USES:** CONTACT GROUT - UNSANDED is ideal for grouting under concrete slabs or bulk heads and behind tunnel or sewer liners to fill voids. It can be used over a wide range of temperatures.

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**PROCEDURES:** Mix CONTACT GROUT - UNSANDED for a minimum of 5 minutes in a high shear mechanical mixer prior to placing or pumping.  
Pump CONTACT GROUT - UNSANDED with a standard piston, diaphragm, plunger or progressive cavity type cementitious grout pump. A minimum hose diameter of 25 mm (1 inch) is recommended.

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**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.

	<u>Test Method</u>	<u>Fluid</u>	
W/C		.31	
Water per 30 kg	ASTM C 1107	9.0 litres	
Flow	CSA A 23.2-1B	20 - 30 seconds	
Working Time		2 hours	
Expansion	CSA A 23.2-1B	1 - 2%	
Bleeding	CSA A 23.2-1B	Nil	
Segregation	CSA A 23.2-1B	Nil	
Compressive Strength	CSA A 23.2-1B		
MPa (psi)		<u>Moist Cured at 23°C</u>	<u>Cured at 5°C</u>
1 - Day		15 (2175)	8 (1160)
7 - Day		30 (4350)	18 (2610)
28 - Day		40 (5800)	25 (3625)
Initial Set	ASTM C 266	10 hours	
Final Set		13 hours	
Density- kg/m <sup>3</sup> (lb./ft <sup>3</sup> )		1829 (114)	
Yield- m <sup>3</sup> /bag (ft <sup>3</sup> /bag)		.021 (0.75)	

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**LIMITATIONS:** Adhering to recommended water content per sack is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties. CONTACT GROUT - UNSANDED 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 product replacement.

## CONTACT GROUT - UNSANDED

PAGE 2

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

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**SAFETY PRECAUTIONS:** CONTACT GROUT - UNSANDED 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. Material Safety Data Sheets are available upon request.