



## CONTACT GROUT - SANDED

A SANDED VOID GROUT

**DESCRIPTION:** CONTACT GROUT - SANDED is a cementitious void grout which contains normal Portland cement and fine sand blended at a ratio of 1:1 by volume. It also contains a silica fume admixture to enhance pumpability in addition to reducing bleeding and segregation.

**USES:** CONTACT GROUT - SANDED is ideal for grouting under concrete slabs or bulk heads and behind tunnel or sewer liners to fill voids.

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

	<u>Test Method</u>	<u>Plastic</u>	<u>Flowable</u>	<u>Fluid</u>
W/C		.27	0.30	0.35
Water per 30 kg		4.6 litres	5.1 litres	6.0 litres
Working Time		1 ½ hr.	2 hr.	2 ½ hr.
Flow	ASTM C	125 - 150 % 109 (25 drops)	125 - 150 % 827 (5 drops)	20 - 30 sec. 1107 (cone)
Bleeding	CSA A 23.2-1B	Nil	Nil	Nil
Segregation	CSA A 23.2-1B	Nil	Nil	Nil
Expansion	CSA A 23.2-1B	1 to 3%	1 to 3%	1 to 3%
Compressive Strength	ASTM C 940			
MPa (psi)				
1-Day		13 (1885)	10 (1450)	8 (1160)
7-Day		40 (5800)	31 (4495)	22 (3190)
28-Day		50 (7250)	43 (6235)	37 (5365)
Set Time	ASTM C 266			
Initial		5 hours	8 hours	11 hours
Final		8 hours	10 hours	13 hours
Density - kg/m <sup>3</sup> (pcf)		2112 (132)	2078 (130)	2025 (126)
Yield - m <sup>3</sup> (ft <sup>3</sup> )		.016 (.57)	.017 (.59)	.018 (0.61)

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

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**PACKAGING:** CONTACT GROUT - SANDED 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 - SANDED contains Portland cement, silica fume 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.