

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 to enhance pumpability in addition to reducing bleeding and segregation.

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 temperature.

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 of 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.

LIMITATIONS: Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties. Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

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

SAFETY PRECAUTIONS: CONTACT GROUT - UNSANDED 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. Safety Data Sheets are available at www.basalite.ca.

| | | Test Method | Fluid |
|--|--------------|----------------------------|---------------------------|
| W/C: | | | 0.31 |
| Water per bag: | | | 9.0 liters |
| Working time: | | | 2 hrs. |
| Flow: | | | 20-30 sec. (flow cone) |
| Bleeding: | CSA A23.2-1B | | Nil |
| Segregation: | | | Nil |
| Expansion: | | | 1 to 3% |
| Set Time: (hours) | | | |
| Initial | ASTM C 266 | | 10 hrs |
| Final | | | 13 hrs |
| Density: kg/m ³ (pcf) | | | 1829 (114) |
| Yield: m ³ (ft ³) | | | 0.021(0.75) |
| Compressive Strength: MPa (psi) | | CSA A23.2-1B | |
| | | <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) |