

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 litres of water for a minimum of 5 minutes in a high shear mixer prior to placing or pumping. Any standard piston, diaphragm, plunger or progressive cavity type cementitious grout pump may be used. 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>Pumpable</u> | |
|--|--------------------|------------------------|-----------------------|
| W/C | | .33 | |
| Water per 30 kg | | 9.7 litres | |
| Working Time | | 2 hours | |
| Flow | CSA A 23.2-1B | 20-30 seconds | |
| 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 | | |
| | | <u>Moist</u> | |
| MPa (psi) | | <u>Cured at 23 ° C</u> | <u>Cured at 5 ° C</u> |
| 7-Day | | 2.5 (363) | 0.5 (73) |
| 28-Day | | 5 (725) | 1.5 (218) |
| Density - kg/m ³ (pcf) | | 1813 (113) | |
| Yield - m ³ /bag (ft ³ /bag) | | .022 (.77) | |
| Working Time | | 2 hours | |

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 product replacement.

PACKAGING:

DUCT GROUT is packaged in 30 kg (66 lb) 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. Material Safety Data Sheets are available upon request.