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# MULTICRETE™ 424-SR NON SHRINK GROUT

## TECHNICAL DATA SHEET

For General Grouting Purposes Requiring Sulphate Resistance

### DESCRIPTION

Multicrete™ 424-SR Non-Shrink Grout is a sanded, cement-based, non-ferrous, non-shrink grout. This specially formulated grout features reliability and high performance for a variety of general grouting purposes.

### ADVANTAGES

- Non-bleeding
- Non-segregating
- Precision non-shrink
- Non-corrosive
- Sulphate Resistant
- Can be used over a wide range of consistencies from dry pack to flowable

### WHERE TO USE

- Grouting under base plates, columns and equipment not subjected to heavy impact loading
- Patching concrete defects
- Grout jacking of concrete slabs
- Grouting of ducts
- Underpinning of structures

### APPLICATION

**Surface Preparation:** All surfaces to be in

contact with Multicrete™ 424-SR Non-Shrink Grout shall be entirely free of grease, laitance or other foreign substances. Roughen surface to ensure a good bond to existing concrete. Clean thoroughly with liberal quantities of water, leaving concrete saturated but free of standing water.

**Mixing:** Multicrete™ 424-SR Non-Shrink Grout shall be thoroughly mixed to the desired consistency by varying the amount of water used.

**Note:** Do not exceed maximum recommended amount of mixing water.

#### **Consistency**

#### **Recommended Water Qty/30 kg bag**

Dry Pack:	3 litres	(3.15 qts)
Trowellable:	4 litres	(4.23 qts)
Flowable:	5 litres	(5.28 qts)

**Methods of Placing:** Multicrete™ 424-SR Grout may be drypacked, trowelled, flowed, pumped or vibrated into place.

**Post-placement Procedures:** Multicrete™ 424-SR Grout should be cured for a minimum of one day with wet burlap or approved curing compound. In-service operation may begin immediately after minimum required grout strengths are reached.

### PACKAGING

Multicrete™ 424-SR is packaged in 30 kg, heavy-duty bags producing approximately 2/3 cubic foot of hardened grout, depending on the consistency mixed. Allow 5% wastage.

### SAFETY PRECAUTIONS

Multicrete™ 424-SR Grout contains Portland cement and carefully selected additives. Normal safety wear such as dust mask and rubber gloves used to handle conventional cement based products should be worn. Safety Data Sheets are available on request.

### TECHNICAL DATA

	TEST METHOD RESULTS	
Compressive	ASTM C109	Mpa (PSI)
Strengths:		
		38 (5510)
3-day:		45 (6527)
7-day:		52 (7542)
28-day:		65 (9427)