



www.multicretesystems.com

MULTICRETE 424+™ NON SHRINK GROUT

TECHNICAL DATA SHEET

For General Grouting Purposes

DESCRIPTION

Multicrete 424+™ 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
- 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
- Grout jacking of concrete slabs
- Grouting of ducts
- Underpinning of structures

APPLICATION

Surface Preparation: All surfaces to be in contact with Multicrete 424+™ 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+™ 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+™ Grout may be drypacked, trowelled, flowed, pumped or vibrated into place.

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

PACKAGING

Multicrete 424+™ 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+™ 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 Strengths:	ASTM C109	Mpa (PSI)
1-day:		38 (5510)
3-day:		45 (6527)
7-day:		52 (7542)
28-day:		65 (9427)