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Multicrete XPR™ Freeze Pipe Grout

TECHNICAL DATA SHEET

Specially Formulated Grout

DESCRIPTION

Multicrete XPR™ Freeze Pipe Grout is a hydraulic cement- based, non-shrink unsanded (concentrate) grout. This specially formulated grout contains a blend of additives that allows for cold weather placement (max -10° C) with damp conditions.

USES

- Can be placed fully submerged in water
- Ideal for low temperatures (max -10° C)

ADVANTAGES

- Non-bleeding
- Non-segregation
- Precision Non-shrink (dry state)
- Slight swelling – saturated state
- Sulfate resistant
- Strength gaining ability (down to -10° C)
- Corrosion Inhibiting

PLACEMENT/ SETUP AND CURING

Prepping the surface for this product requires elimination of any oil or debris prior to placement.

This product can be placed by hand or pump.

MIXING INSTRUCTIONS

Use up to 4 Litres of water per 20kg bag¹; mix on high for 3-5 minutes using high shear mixer.

¹Depending on desired consistency.

PACKAGING

Multicrete XPR™ Freeze Pipe Grout is packaged in 20 kg, heavy-duty, polyethylene-lined bags or pails. Each bag yields approximately 0.35 cubic feet of grout.

Multicrete XPR™ Freeze Pipe packaged materials can be custom packaged to meet specific project requirements.

SAFETY PRECAUTIONS

Multicrete XPR™ Freeze Pipe Grout contains Portland cements and carefully selected additives. Freshly mixed materials may cause skin irritation. Avoid direct contact and wash exposed skin area promptly with water. If any cementitious material gets into eyes, rinse immediately and repeatedly with water and seek prompt medical attention. Normal safety wear such as dust mask and rubber gloves used to handle conventional cement based products should be worn.

See SDS for more information.

TECHNICAL DATA*

Compressive Strength: (psi)

	ASTM C109	
	psi	Mpa
At 24 hours: (-10° C)	700 - 1200	5-8
At 7 days: (minimum)	5000	35
At 28 days: (minimum)	6500	45

* Test results under laboratory conditions in a controlled environment