



Multicrete XPR Freeze Pipe Grout

Technical Data Sheet

Product 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 -10⁰C) 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 20 KG bag¹; Mix on high for 3-5 minutes using high shear mixer

¹Depending on desired consistency

Technical Data – Compressive Strength (PSI)*

TEST METHOD RESULTS

ASTM C109	PSI	MPA
At 24 Hours (-10°C)	700-1200	5-8
At 7 Days (Minimum)	5000	35
28 Day (Minimum)	6500	45

Test results under laboratory conditions in a controlled environment

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. 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 skins 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 masks and rubber gloves used to handle conventional cement-based products should be worn. See SDS for more information