

## MULTI ORE PASS LINING 940

### High Strength Concrete, Ore Pass Lining / Trackless Mining Applications

#### Description

MULTI ORE PASS LINING 940 is a composition of metallic aggregate and hydraulic cements treated with bonding agents, shrinkage compensating chemicals and plasticizing admixtures to achieve optimum performance. It has been formulated to produce collapsed slumps and high ultimate strengths.

#### Typical Applications

- \* Ore silo linings
- \* Ore pass linings
- \* Applications where high strength concrete is required
- \* Can be modified for use in trackless mining

#### Advantages

- \* High impact resistance
- \* High ultimate strengths
- \* Wear resistant (greater than that of Andesite)
- \* Easy to apply
- \* No added chloride
- \* Pre-mixed - eliminates mix selection problems underground and therefore reduces risk of failures

1 Day	28 MPa
7 Days	70 MPa
28 Days	85 MPa

#### Curing

It is essential to cure all concrete in order to achieve design strength and reduce moisture loss. Cure with MULTICURE curing compounds.

#### Yield

One 25kg bag mixed with 2,5 litres of water yields 7 litres (or) 142 x 25kg bags per cubic metre

#### Packaging

Supplied in 25kg polypropylene bags with an inner polythene liners

#### Quality Assurance

MCC LIMPOPO's production and testing programmes comply with local testing standards as set out by the mines. These stringent testing requirements must also comply with ASTM C109-80 and ASTM C243-80 performance specifications for Ore Pass Lining Concrete.

#### Updates

This data sheet supersedes all previous issues prior to this date: 31/05/97.