



www.multicretesystems.com

MULTICRETE ALLOYCRETE™ SF-10

(ABRASION-RESISTANT TOPPING MIX)

TECHNICAL DATA SHEET

Ideal For Shotcreting Ore/Waste Passes

DESCRIPTION

Multicrete Alloycrete™SF-10 is an industrial, abrasion resistant Topping Mix enhanced with 60 kgs per M3 (100 lbs/Yd3) of Dramix Steel Fiber and a special blend of Hardened Iron Aggregate. Steel fibers provide integral reinforcement and improve the product's Impact Resistance, while the Hardened Iron Aggregates create superior wear-resistance.

USES

Multicrete Alloycrete™ SF-10 is recommended for high-wearing industrial surfaces which are subject to severe abrasion, impact and continuous wear. Ideal applications are for extreme duty Shop Floors, Ore Passes and Crusher Chutes.

ADVANTAGES OF MULTICRETE ALLOYCRETE™ SF-10

- Easy application as a Trowel-on material or spray-applied, using conventional dry Shotcrete Equipment.
- Superior toughness to conventionally reinforced Concrete.
- Greatly improved impact resistance and abrasion resistance.

PACKAGING

Multicrete Alloycrete™SF-10 is normally packaged in bulk bags up to 1680 kg (one cubic yard), with double shrink-wrap on wooden pallets.

SAFETY PRECAUTIONS

Multicrete Alloycrete™ SF-10 contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses used to handle conventional cement based products should be worn. Safety Data Sheets are available on request.

TECHNICAL DATA

	TEST METHOD	RESULTS
Compressive Strengths:	CAN3-A23-14C ASTM C42	MPa (PSI)
1-day:		20
7-day:		40
28-day:		50
Flexural Strengths:	ASTM 1018	6.8 (988)
Boiled Absorption:	ASTM C842	5.0 per cent
Volume of Permeable Voids:	ASTM C842	14.0 per cent
Toughness:	ASTM C1018	
60-kg/cu m		1-5, 3.5
(100 lb/cu yd):		1-10, 5.0