

DESCRIPTION

TechnoShot C shotcrete is a dry shotcrete based on a modified hydraulic cement for a very rapid set. TechnoShot C Shotcrete also has greatly enhanced shooting characteristics and physical properties due to specially selected ad-mixtures.

USES

TechnoShot C Shotcrete is designed to be used with the Dry Process. It was specifically developed for the following applications

- Sealing a raveling surface.
- Spraying onto wet areas to contain and direct the water flow.
- Providing "instant" temporary support in wet or unconsolidated ground. TechnoShot C" Shotcrete may be used in combination with steel fibre reinforcement to enhance load carrying capacity.

ADVANTAGES

Instant Set: TechnoShot C Shotcrete sets within moments of application to create a sealing membrane and provide limited immediate support. Stickiness: TechnoShot C Shotcrete has vastly improved cohesion characteristics compared to conventional shotcrete

Rebound is significantly reduced, resulting in lower material usage. Sagging and sloughing are eliminated. Physical properties: Silica fume in TechnoShot C Shotcrete creates a higher strength shotcrete with low permeability and excellent freeze/thaw durability. Resistance to water washout: TechnoShot C" Shotcrete in the plastic state has tremendous re-sistance to washout by flowing water. This allows it to be applied to moderately wet surfaces..

	TESTS	RESULTS
Compressive Strengths	CAN3-A23-14C ASTM C42	Mpa (PSI)
2 day		33 (4757)
14 day		54 (7775)
28 day		58 (8363)

STORAGE AND SHELF LIFE

Should be stored in dry conditions. Storage life is 1 year without opening.

PACKAGING

25 Kg kraft and 40 Kg PP bag.