



SCB SHOTCRETE

REPAIR SHOTCRETE

PRODUCT :

SCB Shotcrete consists of accurately weighed Portland cement, aggregates and chemical admixtures. The product is designed to be used as original or repair shotcrete in situations requiring a high-quality concrete with a choice of maximum aggregate size of 3 mm. It may be mixed to any consistency from semi-dry to plastic.

USES :

SCB Shotcrete is designed for uses such as following :

- * Grouting of keyways or general grouting operations where a maximum aggregate size of 3 mm. is desirable.
- * Leveling beds with a thickness of 25 mm. or more.
- * Void filling where a 3 mm. aggregate is desirable or where the minimum dimension of the pour exceeds 25 mm.
- * Structural applications or repairs requiring a high quality concrete at required consistency where the quantities involved or placement conditions make the use of conventional ready-mixed concrete impractical.

TYPICAL PROPERTIES :

Water Added	:	7 - 8 Ltr./50 kg bag.
Slump	:	6 - 7 in.
Compressive Strength	:	
(7 days)		200 ksc.
(28 days)		300 ksc. (+ 10%)

The exact value will vary, depending on the consistency of the mix and mixing procedures adopted. The values given are typical for drum mixers.

PROCEDURES :

1. Prepare existing concrete surfaces for application of **SCB Shotcrete** by thoroughly cleaning, using appropriate techniques to remove dirt, oil, laitance, efflorescence or deteriorated concrete.
2. Add **SCB Shotcrete** to water with continuous mixing to achieve the required consistency.
3. Place and consolidate within 30 minutes of mixing, using methods suited to the application and consistency required.
4. Use conventional concrete finishing procedures to obtain the required surface finish.
5. Place only at ambient temperatures above 5°C and below 40°C. Protect from freezing and from temperatures above 45°C during the first three days after placing.

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CAUTION :

SCB SHOTCRETE is a cement-rich material and while it is formulated for minimum plastic shrinkage. It should be used with caution in large exposed areas in excess of 100ft². Adequate moist curing for at least 3 days from the time of placing is essential to reduce the potential for drying shrinkage cracking.

APPROXIMATE YIELD :

SCB SHOTCRETE (Packing 50 kg bag.)
43 bag / m³ (Plastic)
41 bag / m³ (Stiff Plastic)

DISTRIBUTOR IN THAILAND :



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