

DESCRIPTION: SUPER PRO 6000 is a high strength concrete designed for all types of residential construction such as driveways, sidewalks and foundations. SUPER PRO 6000 is ideal for use by contractors and especially for heavy traffic areas and concrete slabs subject to de-icing compounds.

USES:	Diveways	Slabs
	Sidewalks	Foundations
	Columns	Retaining walls
	Stairs	Resurfacing concrete
	Footings	Curbs
	Patio Decks	Culverts

ADVANTAGES: SUPER PRO 6000 has the following advantages:

1. Quick strength gain
2. Easy to mix and place
3. Superior durability
4. Construction grade quality

PROCEDURES:

1. Mechanical Mixing:

Add ¾ of water into the concrete mixer. Add the SUPER PRO 6000 into the rotating concrete mixer. Add enough of the remaining water to bring the mix up to the desired consistency. Total mixing time: 5 to 10 minutes.

2. Hand mixing:

Empty a bag of SUPER PRO 6000 into a wheelbarrow or onto a large piece of plywood. Make an indentation in the middle of the SUPER PRO 6000 and slowly add up to 2 litres of water, mixing continuously, until the desired consistency is achieved.

SLUMP	RECOMMENDED MAX. WATER / 25 kg (55lb)
75-150 mm (3"-6")	2.0 Litres (2.1 US Qt.)

Do not exceed the recommended water. Exact slump will vary due to mixing equipment used.

3. Curing:

Begin moist curing at set. Continue moist curing for a minimum of 48 hours.



TECHNICAL DATA:

The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

	<u>Test Method</u>	<u>Value</u>
Slump	CAN3-A23.2-5C (ASTM C143)	75mm (3")
Air Content	CAN3-A23.2-4C (ASTM C231)	4 to 6 %
Compressive Strength	CAN3-A23.2-9C (ASTM C39)	
MPa (psi)		
1 day		18 (2610)
3 day		25 (3625)
7 day		35 (5075)
28 day		42 (6090)
Working Time		1 hour
Density kg/m ³ (lb/ft ³)	ASTM C185 (modified)	2305 (144)
Yield m ³ /bag (lb/ft ³)	CAN3-A23.2-6C (ASTM C138)	0.012 (0.41)

APPROXIMATE NUMBER OF BAGS REQUIRED

SLABS		SLABS		CIRCULAR COLUMN FORM (diameter)			
<u>3 in (75 mm thickness)</u>		<u>4 in (100 mm thickness)</u>					
1 ft width	3 ft width	1ft width	3 ft width	6 in	8 in	12in	
(.3m)	(.6)	(.3m)	(.6)	(150mm)	(200mm)	(300mm)	
<u>Length</u>							
1ft (.3)	1/2	1 3/4	3/4	2 1/2	1/2	1	2
2ft (.6m)	1 1/4	3 3/4	1 1/2	5	1	1 3/4	4
3ft (.9m)	2	5 1/2	2 1/2	7 1/2	1 1/2	2 1/2	5 3/4
4ft (1.2m)	2 1/2	7 1/2	3 1/4	10	2	3 1/2	7 3/4
5ft (1.5m)	3	9 1/4	4	12 1/4	2 1/2	4 1/4	9 3/4

LIMITATIONS:

Exceeding the maximum recommended water content per sack will result in inferior physical properties.

PACKAGING:

SUPER PRO 6000 is packaged in 25 kg (55lb.) paper bags.

SAFETY PRECAUTIONS:

SUPER PRO 6000 contains Portland cement. Normal safety wear such as rubber gloves, dust masks and safety glasses, used to handle conventional cement-based products, should be worn. Material Safety Data Sheets are available on request.