

**Supplier Information:**
**Supplier** [Samcrete Egypt- Precast Factory Prestressed Slabs](#)
**Description:**

Samcrete Precast Prestressed Hollow Core Slabs 20 cm thickness (8 inch), Light reinforcement, according to ASTM standards with the following specifications:

**Concrete**

Unit weight : 2200 Kg/m<sup>3</sup>, Characteristic Compressive Strength : 350 Kg/cm<sup>2</sup>, Release strength (at 3 days) : 260 Kg/cm<sup>2</sup>, Modulus of Elasticity (initial) : 220,000 Kg/cm<sup>2</sup>, Modulus of Elasticity (final) : 290,000 Kg/cm<sup>2</sup>, Ambient Relative humidity : 50%

**Prestressing Strand**

Ultimate strength: 17,570 Kg/cm<sup>2</sup>, Initial Prestresse : 0.7 Times Ult, Minimum cover of strand: 2.5 cm. Grout

A mixture of not less than one part Portland cement to three parts fine sand. Grout that seeps from the joint shall be completely removed before it hardens. Minimum 28-day compressive strength - 3000 psi.

**Bearing Strips**

Multi-monomer plastic, hardboard or approved equal.

## Prestressed Slabs: Precast Prestressed HC ASTM Slabs 8" Light Reinf.



This product example illustrates the variation structure providing flexible configuration for possible factors such as size, color, packaging,

Slab Type	Width/Wt (kg)	Product #	Price	Add To Cart
Roof: Fair face	0.6 m / 308	315	QUOTE	<input type="checkbox"/> Qty: 1
Roof: Fair face	1.2 m / 308	305	QUOTE	<input type="checkbox"/> Qty: 1
Roof: Light fair face	0.6 m / 280	314	QUOTE	<input type="checkbox"/> Qty: 1
Roof: Light fair face	1.2 m / 280	300	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Decorative	0.6 m / 308	365	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Decorative	1.2 m / 308	355	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Fair face	0.6 m / 308	345	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Fair face	1.2 m / 308	325	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Light Decorative	0.6 m / 280	366	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Light Decorative	1.2 m / 280	356	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Light fair face	0.6 m / 280	346	QUOTE	<input type="checkbox"/> Qty: 1
Wall: Light fair face	1.2 m / 280	326	QUOTE	<input type="checkbox"/> Qty: 1

[Concrete >> Prestressed Slabs >>](#)