



FACT SHEET

Sikacrete[®]-08 SCC

SELF-COMPACTING CONCRETE (SCC) FEATURING SIKA[®] VISCOCRETE[®] TECHNOLOGY

Sikacrete[®]-08 SCC is a ready-to-use, highly flowable, self-compacting, cement-based concrete, usable for concrete thickness between 25 and 450 mm (1 and 18 in).

ADVANTAGES

- **Simple-to-use** and **labour-saving system**
- **May be pumped** or **poured**
- **Increased resistance** to de-icing salts
- **Good freeze/thaw** resistance
- **Partial or full depth repairs on concrete** (on grade, above and below grade)

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TYPICAL APPLICATIONS

Ideal for work on concrete structures such as:

- Walls, beams and slabs
- Access stairs
- Walkways
- External door sills
- Balconies
- Void and cavity filling

INSTALLATION GUIDE

1. Remove all deteriorated concrete, dirt, oil, grease, and all bond-inhibiting materials from surface.
2. Preparation work should be done by high pressure water blast, or other appropriate mechanical means to obtain an exposed aggregate surface with a minimum surface profile of ± 3 mm (1/8 in).
3. Saturate surface with clean water. Substrate should be saturated, surface dry (SSD) with no standing water during application.
4. Place 2.5 L (0.66 US gal.) of water in mixing container. Add Sikacrete®-08 SCC while continuing to mix. Add additional water up to 0.2 L (0.05 US gal.) to obtain desired consistency.
5. Mix to a uniform consistency, maximum three (3) minutes. Mechanically mix with a low-speed, D-handle style drill (400 - 500 rpm) fitted with either a *Jiffy*, ribbon-mud mixer or a mud mixer type paddle.
6. Pour, pump or inject the concrete mix on the surface to be repaired or in the formwork (new construction or formed repairs). Consult product data sheet for underwater concreting applications.

Compressive Strength ASTM C39, MPa (psi)

24 hours	11 (1 595)
3 days	39 (5 656)
28 days	55 (7 977)

TECHNICAL DATA

Standard Water Dosage	Between 2.5 and 2.7 L/25 kg bag (0.71 US gal./55 lb bag)
Mixing Time	2 - 3 minutes
Application Time	25 - 30 minutes
Slump Flow ASTM C1611	600 - 700 mm (24 - 28 in)
Air Content ASTM C457	7 \pm 2 %



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