

## Self-Level Overlay and Polished Concrete System

### Description:

Concreation Self-Level Overlay is a Portland cement based, 'free-flowing' topping for restoration or new construction of interior concrete floors. Concreation Self-Level Overlay can be applied from 6 mm to 38 mm ( $\frac{1}{4}$ " to  $1\frac{1}{2}$ "") in a single pour, providing a smooth, flat and level floor without the need to float and trowel.

Concreation Self-Level Overlay is recommended for interior residential, commercial and light industrial applications. For a superior long-lasting finish it is recommended to polish Concreation Self-Level Overlay to 400 grit or higher.

### Technical Data:

All data based on a mixing ratio of 2.75 L (2.5 qt.) per 22.68 (50 lb.) bag of dry mix at 21°C (70°F). Physical properties and typical values are not specifications.

<b>Mixing Ratio:</b>	2.75 L (2.5 qt.) of water per 22.68 Kg (50 lb.) bag
<b>Coverage:</b>	1.627 m <sup>2</sup> per bag @ 6.5 mm (18 sq. ft. @ $\frac{1}{4}$ "") 0.836 m <sup>2</sup> per bag @ 12.7 mm (18 sq. ft. @ $\frac{1}{2}$ "")
<b>Flow Time:</b>	10 minutes
<b>Initial Set (ASTM C191):</b>	Approx. 30 minutes
<b>Final Set (ASTM C191):</b>	Approx. 90 minutes
<b>Compressive Strength (ASTM C109/mod - Air cure only):</b>	373 Kg/cm <sup>2</sup> (5300 psi) @ 28 days
<b>Flexural Strength (ASTM C348):</b>	70 Kg/cm <sup>2</sup> (1000 psi) @ 28 days
<b>Walkable:</b>	24 hours
<b>Polishable:</b>	7 days
<b>Sealer Application:</b>	LithoCon 15 Densifier: following 400 grit polish
<b>TefloCon Floor Finish:</b>	following burnish of finished polished floor
<b>Packaging:</b>	22.68 Kg (50 lb.) net wt. bags.
<b>Storage:</b>	Store in a cool dry area. Do not leave bags exposed to sun or hot temperatures.
<b>Shelf Life:</b>	1 year if unopened.