



## LUX Stone

### Concrete polishing with 3D reflectivity

CCS LuxStone Polished Concrete System is a specialised treatment process that transforms both new and existing concrete into a captivating, sleek and contemporary floor. Besides superb aesthetics, one of the stand out benefits of polished concrete are the low maintenance requirements and longevity.

Various finishes can be created depending on project needs and requirements. This includes the amount of stone visible in the floor and also the gloss and reflectivity levels.

Polished concrete is easy to maintain with minimal effort required, keeping it spotless and hygienic at all times. In addition to having an elegant and luxurious appearance, the intense light reflectivity enhances ambient light, making it ideal for commercial environments such as retail centres and office suites.

### Features and benefits

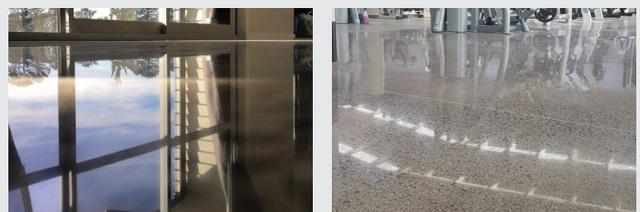
- Versatile finish with superior reflectivity
- Low maintenance and life cycle cost
- Hygienic and hypoallergenic
- Ideal for new and existing concrete
- Durable and hard-wearing



The CCS LuxStone Polished Concrete System involves the application of proprietary compounds which react to enhance and strengthen the concrete through the stacking of silica. During this treatment, the concrete is also subject to a specific grinding and refining methodology to suit individual concrete characteristics, enabling the surface of the concrete to be polished effectively.

Polished concrete is also an excellent choice where other high gloss and more expensive flooring types such as granite and marble are unaffordable. Due to the treatment compounds applied, a CCS LuxStone Polished Concrete Floor is up to 40% harder and far less susceptible to abrasion.

An experienced contractor can achieve the appearance required by adjusting the process to control the amount of stone/sand, gloss and reflectivity.



*The number of steps varies depending on the level of gloss or reflectivity required.*

## Is all concrete polishable?

Almost any structurally sound concrete surface can be polished. There are some exceptions such as where the existing concrete is overly soft, severely spalled and porous or widespread repairs and fixing is required. New concrete should be allowed to cure for 14 to 28 days depending on climatic conditions and location to ensure enough strength and hardness before polishing.

## Installation time

CCS LuxStone Polished Concrete System installation time relates to size of job and level of depth, clarity and gloss required. As an example, an area of 200m<sup>2</sup> with a high gloss finish would usually take 3-5 days to complete depending on the hardness and condition of the concrete in addition to the type and size of the grinding equipment used.



## Cost comparison

In comparison to many other coatings and floor types polished concrete offers one of the lowest life cycle costs. Its long lifespan and low maintenance requirements makes it an extremely sensible and practical option for just about any project where aesthetics, longevity and upkeep costs are paramount.

Flooring Type	Approximate Installed Cost per m <sup>2</sup>	Estimated Annual Maintenance per m <sup>2</sup>	Expected Life – Years	Likely 10 Year Life Cost per m <sup>2</sup>
Acrylic Coating	\$10-\$15	\$8.50	1	\$95-\$100
Epoxy Coating	\$25-\$55	\$10.00	3-5	\$125-\$155
Urethane Coating	\$35-\$75	\$10.00	4-7	\$135-\$175
Cementitious Overlay	\$55-\$85	\$8.50	10+	\$140-\$170
Sheet Vinyl	\$40-\$80	\$10.00	9	\$140-\$180
Vinyl Composition Tile	\$45-\$75	\$10.00	10	\$145-\$175
Carpet	\$40-\$100	\$10.00	5-10	\$140-\$200
Ceramic Tile	\$50-\$100	\$10.00	10	\$150-\$200
Natural Stone Tile	\$50-\$150	\$10.00	10-15	\$150-\$250
Cement Terrazzo	\$120-\$190	\$10.00	10	\$220-\$290
Epoxy Terrazzo	\$120-\$200	\$10.00	10	\$220-\$300
<b>Polished Concrete</b>	<b>\$50-\$100</b>	<b>\$5.00</b>	<b>20</b>	<b>\$100-\$150</b>

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