

| CASE STUDY |

Pentra®-Protective Coating (PPC)



POCKIT SELF STORAGE

LOCATION: Edmonton, Alberta, Canada

JOB SIZE: 60,000 ft²

APPLICATION: Rolled on with foam rollers



THE CHALLENGE

The owners of this *Pockit Self Storage* building were dissatisfied with the look of their bare concrete floors. Frequent abrasion, exposure to the elements, and concrete flaws led to worn and discolored areas of floor.

The owners considered polishing the concrete, but the divided storage spaces would be an inconvenient area for polishing machinery, and the associated labor and costs exceeded their timeline and budget.

Coating the floor with an epoxy was another option, though the owners were looking for a timelier, long-lasting fix. A single coat of epoxy requires several days to dry, and the unbreathable layer can easily chip and crack. The down-time and maintenance just didn't meet their requirements.

THE SOLUTION

Pentra®-Protective Coating (PPC), a high performance Nano-Lithium® micro-coating, provided *Pockit Self Storage* a practical alternative. This fast drying, one-component product does not require machines or experience for application and costs less than polishing and epoxies. It is engineered for both *interior and exterior concrete surfaces*, a perfect fit for Pockit Self Storage's outside- and inside-access storage ports and hallways.

Workers first taped the walls and edges around each section of concrete floor, then applied the easy-to-use **Pentra®-Protective Coating (PPC)** using foam rollers.

Pentra®-Protective Coating (PPC) was chosen for four main reasons:

- **BUDGET** ~ The pricing was the best value.
- **TIMELINE** ~ It was able to be done in a much quicker time than polishing or epoxies with cure
- **EASE OF USE** ~ One component product without smells
- **PERFORMANCE** ~ Sample testing showed higher abrasion resistance and easy reparability long term

FINAL RESULTS

The low-odor coating dried within a few hours to a very hard, semi-gloss finish that will not yellow with age. This concrete now has a finished appearance that is both attractive and extremely durable.

Pockit Self Storage's floors will also be extremely easy to maintain. **Pentra®-Protective Coating (PPC)** creates an abrasion and stain resistance surface that can withstand the kind of abuse a floor receives at a storage facility. If damaged, the coating will not peel or curl back, and it will never flake or delaminate.

Do you have a project similar to this one?

Pentra®-Protective Coating (PPC) is suitable for a number of jobs and comes in a variety of colors. Visit our website at convergentconcrete.com or give us a call at 801.375.2280.



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